BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

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In the Matter of :

Ohio Retail Electric : Case No. 12-3151-EL-COI

Service Market Workshop.:

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PROCEEDINGS

Before Todd A. Snitchler, Chairman, and Steven D. Lesser, M. Beth Trombold, and Asim Z. Haque, Commissioners, at the Public Utilities

Commission of Ohio, 180 East Broad Street,

Columbus, Ohio, Hearing Room 11A-B, on

Wednesday, December 11, 2013, commencing at

10:00 a.m.

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Wednesday Morning Session,
December 11, 2013.

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CHAIRMAN SNITCHLER: Well, good morning. I've either got a reputation for starting on time or you all just conspicuously got quiet right at 10:00. So thank you for taking the time for being with us today. I'd like to thank each of you for taking the time to be here, including many of our panelists who traveled from some distance and got here, maybe late but they got here in a timely fashion and so we're glad to have you.

Before we start our hearing today on the retail market investigation that we have had on-going now for just about a year, I thought it to be helpful for us to recap how we got here and what it is that we're working on. In light of Ohio's electric utilities transition from the regulated environment to a restructured market, the Commission opened an investigation, as many of you know, on the state of our marketplace to identify barriers to growth of the marketplace, and to highlight the positive things that are already being done so we don't have any

unintended consequence and change something that might actually be working well.

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Our order last December identified specific questions that we had with relation to market designs and corporate separation and we received, solicited and received comments from a wide range of stakeholders. And as all of you are probably aware, we also had some additional questions that were raised in early June and we received as many responses, I think, from those as we did from our initial set of questions.

Subsequent to those questions, the Commission scheduled a series of workshops to further encourage stakeholder collaboration in developing our marketplace, and Commission staff and stakeholders were encouraged to use those workshops as a means to identify and overcome market constraints, existing issues that impact the relationship between competitive providers and electric distribution utilities, existing issues regarding market access, and any other issues that may have come up that would help to further Ohio's retail electric marketplace.

And there have been a number of those meetings, the first of which was held in June

and that discussed creating consistency in operations support across the state and also solicited feedback for possible changes to the Apples-to-Apples shopping comparison tool.

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At the second workshop, presenters addressed possible barriers to entry, and further group discussion touched on topics including SSOs and default service, ESPs or electric security plans, other competitive states, smart meters and data access, generation subsidies and finally customer engagement. So there was a long list of topics that were addressed at that second workshop.

The third workshop had presenters and discussions that focused on corporate separation issues. And much of the discussion involved information sharing between affiliates, affiliate transactions and shared costs, and return on equity and business risk.

Throughout the workshops
subcommittees were assigned to further discuss
various topics, including market evaluations,
customer data and billing, and lastly consumer
education. And this allowed the groups to
separately assess particular areas of the retail

market and then bring the discussion back to the group as a whole in what we hoped was a more efficient way for us to break down some of the issues.

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The fourth workshop focused on the subcommittee work that was done in the market evaluation and consumer education subcommittees. And after hearing prepared remarks from several presenters, the discussion really recapped the work of the subcommittees which focused on several issues including customer choice, definitions and metrics used to describe functional markets, and customer engagement and participation.

At the fifth workshop, several topics were covered that related to customer data and billing, and panels were held to discuss customer enrollment, contract portability, electronic data interchange, and bill formatting and messaging.

And I have to say, I'm pleased with the level of involvement throughout the stakeholder workshop process. I think that those exercises provided a very worthwhile forum to focus on issues that have been a source of

discussion and sometimes vigorous debate. And Commission staff has made available on our website recaps of each of the workshops, in addition to other helpful information that surrounds this on-going case, and a link is front and center on our homepage where you can simply search for "retail market investigation" to get access to that information if you haven't already done so.

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I think it's safe to say that I can speak for all of the Commissioners in thanking each of those who participated in the workshops, and we think your input and involvement have been integral to the process and are truly very much appreciated. I'd also like to specifically thank all of the Commission staff, especially Patrick Donlon and Dave Lipthratt -- I always struggle with that -- for coordinating our workshops. And they have done a terrific job of trying to make sure that we move through some of the stickier issues, we'll call them.

In addition to our investigation, I'd like to point out the concurrent Commission activities that are related to the retail market. In October the Commission adopted

administrative rules pertaining to electric companies, and we have also received comments on proposed rules to both the competitive retail electric and natural gas suppliers.

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And with that, we have summarized how we got here today. Today's en banc hearing, and for those of you who don't speak legalese, that means it is a hearing before all the Commissioners, it will serve as a wrap-up of sorts for the workshop process.

We're also webcasting today's hearing live, so I'll ask for all of our speakers ahead of time to please speak clearly in your microphones. I'm sure Commissioner Powelson, the Chairman from Pennsylvania, is listening and watching. He assured me he had some interest in our hearing today, so that probably doesn't come as a surprise to those of you that know Rob at all. We'll also get a recording on the web up shortly after we complete this so there will be access to our meeting today as we go forward.

As a housekeeping item, just so you're aware, we'll hear from a number of presenters today on the Ohio market, where it's heading, as well as consumer education efforts,

and we'll break just about noon for lunch, and then we'll also allow the Commission to hold our regularly-scheduled meeting at 1:30 and then we'll resume our hearing here between 1:45 and 2:00 or so, and then hopefully we'll get you all on your way by 4 or shortly thereafter this afternoon.

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So with that, if there's any other comments from any of the other Commissioners? Seeing none, I'd like to welcome our panelists for our first panel. I think Pat may be the one who wins the award for furthest. So I'm going to do a brief introduction of each of our three panelists so you know who you're hearing from. The idea behind this panel was really to talk about what is being done nationally, what the view is about how restructured and competitive markets are functioning, where Ohio may sit within that spectrum, and any suggestions that may exist about things that we could be doing from their perspective as they see the market across the country. Also, just so that you know, we have asked the panelists in each of our discussions today to offer presentations and there will be Q and A from each of the

Commissioners, or those that wish to participate in those conversations. We'll try our level best not to interrupt this morning, but this afternoon I can assure you we'll probably be jumping in because there's a lot of information to cover and time for some of the panels is shorter than perhaps would be optimal, so we may want to get right to the heart of the issue. But this morning we'll defer to our august panel.

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Our first panelist is Bill Massey.

He's a partner at Covington and Burling in

Washington, D.C. where he focuses on energy

regulation and government affairs. He has

extensive experience with regulatory issues

before FERC and with regard to legislative

matters before Congress and numerous state

general assemblies. Most recently he served as

a commissioner at FERC for more than ten years,

and Bill advises investment firms, utilities,

independent power producers, pipelines, project

developers, customers, marketers, and energy

companies on a wide variety of energy matters

including mergers and acquisitions, market

structure, competition policy, which is near and

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dear to my heart, transmission and infrastructure investment, enforcement investigations and legislative strategy.
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Our second presenter today, and they worked out their own order of presentation so if I've gotten it out of order, I apologize in advance, is Phil O'Connor. He is the President of PROactive Strategies, a provider of policy analysis and advice on insurance and regulation. Until November of 2008 he served as vice-president of Constellation New Energy, Inc., a provider of competitive retail electricity. From March of 2007 to 2008 he served at the U.S. Embassy in Baghdad, Iraq as an advisor to the Iraqi Ministry of Electricity. Dr. O'Connor served as the Illinois Director of Insurance from 1979 to 1982, and from '83 to '85 Dr. O'Connor was the Chairman of the Illinois Commerce Commission, the utility regulatory body of Illinois, and he served on the Illinois State Board of Elections from 1998 until April of 2004. After 1985 he formed the Palmer Bellevue Corporation, an energy and insurance consulting firm that became part of Coopers & Lybrand in 1993, and he also serves as a board member of

the Big Shoulders Foundation for the Schools of the Archdiocese of Chicago, and is a member of the Board of Haymarket Center in Chicago.

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And lastly but certainly not least is Pat Wood. Pat serves as the principal of Wood III Resources, energy infrastructure developers, since July of 2005. From 2001 to 2005 Mr. Wood served as the Chairman of the Federal Energy Regulatory Commission. From 1995 to 2001 he chaired the Public Utility Commission of Texas. And prior to '95 Pat was an attorney at Baker & Botts Company, as well as a company in Jakarta. And Pat currently serves on the Board of Directors of Quanta Services, Inc., SunPower Corp., and Dynegy.

And with that, gentlemen, I'll turn it over to our first speaker, and it looks like Bill, you're going to be first this morning. So thank you very much, and we look forward to your comments.

MR. MASSEY: Mr. Chairman and Commissioners, thank you for that very gracious, introduction. I see that my PowerPoint is posted for all to see. Thank you for inviting me to speak here. The movement to competitive

2 for 20 years now, and for me personally it's, I 3 think, a labor of love because I believe it's the right thing to do. I believe it's the way 4 5 to capture the greatest efficiency in customer 6 benefit around the country, and so I am 7 fortunate to be here today on behalf of the 8 COMPETE Coalition. I serve as counsel to the 9 Coalition. I left FERC in December of 2003 to 10 start a law practice and helped organize the 11 Coalition in 2005. We began with seven members 12 and it's organized around a very simple 13 principle, and that is that competitive 14 electricity markets at both the wholesale and 15 retail levels are the best way to achieve the 16 maximum customer value. That is where we stand. 17 We now have more than -- if I could 18 flip. Do I need to do this myself? There we 19 go. Great. We have now more than 740 members. 2.0 It is a diverse coalition. We have almost 200 2.1 large customer members that support competitive 22 electricity markets. Virtually all the demand 23 response providers are, well, not all, but a

markets is something I have been involved with

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number of them are members of the COMPETE

Coalition. We have renewable companies,

technology companies, SmartGrid companies, utilities, power producers, and transmission companies that are members of the organization. So it's a very diverse coalition of stakeholders that participate in the debates in Congress, at FERC, and in state capitals around the country.

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We have 57 customer members with more than 3,600 facilities in Ohio. Here are the customer members of COMPETE Coalition that actually have their headquarters in Ohio. can see the list here including Big Lots, Macy's, National Church Residences. We're pleased that the Divine is interested in competitive markets. And there on the next slide, if I can go there, are the customer members with facilities in Ohio and there are actually three of these slides to get all of them on here. Just for your reading, I don't want to go through all of this right now, but I wanted you to understand that we have a lot of members that do business in Ohio and support competitive electricity markets. So there are actually two slides or three slides with those members.

I have some Ohio customer member

quotes, a quote from Russell Subinske, I hope I haven't botched his name, Senior Director of Energy at Wendy's: "Electricity competition delivers lower prices, better service, and a variety of pricing options that are tailored to our specific needs and electricity usage."

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Alan Mileti with National Church
Residences: "Our organization greatly benefits
from the energy cost savings we achieve through
participation in competitive electricity
markets. We get better service and innovative
products."

And Steve Elsea with Lowe's

Companies: "Competitive electricity markets

promote greater efficiency and reliability in

electricity supply that enables customers like

Lowe's with the ability to better control our

energy cost while maintaining a comfortable,

well-lit environment for our customers."

And these sorts of statements abound within the COMPETE Coalition. Our customer members are quite bold in their support for competitive electricity markets and their preference for markets, their preference over the choices in markets rather than a

one-size-fits-all.

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Why do they support competitive markets for electricity? Here is some data from the Energy Information Administration of the U.S. Department of Energy, and this goes back a 16-year period from 1997 through 2012, so during that 16-year period the data show that in all sectors at retail, the competition states, the 17 states of the District of Columbia that have competitive retail electricity markets, the rate of change for electricity prices in those markets is significantly lower than it is in the monopoly states. You can see in all sectors there's an 11 percent difference. When adjusted for inflation in the restructured states that have competitive markets, prices actually decline by 4 percent when adjusted for inflation over the 16-year period. They went up 7 percent in the other states. So that's an 11 percent difference, and you can see it's broken down by sector below on the slide, but there's between a 10 percent and 13.3 percent difference in the price, in the rate of change in the prices in all sectors with competitive markets winning that battle by 10 to 13 percent across the

country. I think that is very significant as you consider next steps. Competitive markets are a way to keep cost for customers as low as possible.

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Some other points our customer members tell us, and these positions are simply taken from what we have heard our customer members say and write about the value of competitive markets. They like the fact that in competitive markets the risk of bad business decisions falls on the suppliers, not on the consumers. So a whole bunch of costs aren't just shoved in rate base. If the supplier makes a bad business investment, that supplier bears the risk of that investment. This lowers the consumers' financial risk, and our customer members very much like the fact that in the competition states the suppliers are really focused on the needs of the customers. want to craft products and services that the customers want rather than simply a one-size-fits-all. They like flexible contract lengths and other contract terms that are flexible. They can purchase risk management products to hedge their risks. They like the

diverse generation portfolio mix that they can get in the competition states, and they like the on-site services that suppliers are willing to provide them. So they generally like the flexibility; they like the customer focus in the markets.

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My next slide, Innovation. If you think about it, it just makes sense that an open platform where all providers of services can meet in an open market to provide their services is really the best way to get the kind of innovation in the electric power industry that we want to see. And in fact, innovation may transform this industry over the next 10 to 15, 20 years with distributed generation resources such as rooftop solar, in storage advances that innovators are working on, with the concept of prices-to-devices, which is basically the system operator being able to see all sorts of appliances on its system. I've heard the PJM representatives talk about this concept and how PJM would be capable of seeing millions of devices in homes and businesses across the PJM footprint, and these devices would then become storage devices and ways to follow load and

adjust consumption in real time.

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Consumers get more alternatives to meet their energy needs, and they like the fact that the suppliers and other service providers want to be innovative in meeting their needs.

We believe that innovation is best served by level platform, by markets, by non-discriminatory rules, and we believe that customers ought to get to choose the products and services that they want. So innovation is a very big theme within our discussions of the COMPETE Coalition. Our members very much like the innovative demand response providers that flourish in markets, and they believe markets provide a superior level platform for the advance of SmartGrid technologies as well.

Environmental goals. A few years back the COMPETE Coalition and the Environmental Defense Fund negotiated a policy statement that recommended, quote, market-based mechanisms both to encourage the efficient operation and use of existing and new resources and to achieve environmental improvements through conservation and biddable demand response. Our members believe that the best way to achieve our

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nation's and state's environmental goals is
through competitive markets, and retail
competition can be structured in an efficient
way to attain renewable energy goals as well.
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One more. In Pennsylvania, just a couple of examples, the American Lung Association is advocating that customers switch to competitive suppliers offering clean wind energy. In New Hampshire, Empower NH, a coalition promoting shopping, advocates switching because it helps support cleaner resources, quote, creating a virtuous circle. More competition leads to cheaper electric bills, leads to less energy coming from polluting coal plants. And now stealing some of Phil O'Connor's data: competitive providers supply 68 percent of eligible non-residential demand and 31 percent of residential demand in the 17 states and the District of Columbia that allow retail competition.

From 2008 to 2011, a time of flat demand growth, it's amazing, electricity load service competitively grew by 40 percent, and customer accounts served under recent retail choice grew over 53 percent across the country.

So the message is when you give customers a choice, they take it. They like shopping and want to be able to choose their supplier.

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Here's another study. For the second year running JD Power & Associates found a higher level satisfaction among customers in Texas with choice; electric choice, quote, opened the doors to healthy price competition and also focused residential customers on finding the cost savings and service programs that match their needs. There's similar data from New England about support for competitive choice.

And let me also say that Ohio is in the enviable position by being served by one of the most robust, well-structured regional power markets in the world: PJM Interconnection. We all know that an excellent wholesale market platform provides the foundation for a good retail market and so I believe Ohio is well positioned to move forward at the state level to implement the choice programs that you want to, because you get these timely price signals in PJM: an independent administration, a level playing field where all services can compete, a

large regional scope, 180,000 megawatts across the region, and an independent marketing to make sure that everybody plays fair and everybody plays by the rules.

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Just in closing, COMPETE adopted some customer principles that we urge both the state and federal levels to guide decision making. They're general but they're important. first one, accurate and transparent price signals are absolutely critical. So federal and state policies to achieve that goal are critical. Open the markets to all market participants. A 10 percent cap in Michigan makes absolutely no sense at all. Make sure your markets are open to all. Make sure the rules are non-discriminatory. Our members have concern about non-bypassable charges to pay for legacy generation costs. But we have concerns about subsidized resources, and this was brought into focus by the New Jersey and Maryland plans to choose favored generators, give them 15-year contracts, subsidize them, and distort the prices in the capacity markets, and COMPETE is very concerned about those price distortions. Open the markets to all resources. Don't limit

them to certain vintages. And we believe in long-term resource adequacy. Texas is debating this now. It's being debated many different places. It ought to be a market-based system and where it's appropriate, the COMPETE members support a capacity market. They have been supporting PJM capacity market for a number of years. And then competitive markets must have clear and transparent rules. Effective independent oversight is also one of our principles.

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I think it's important to point out as you move forward, restructure doesn't mean deregulate. The term deregulated is thrown around, but in our view it is a misnomer because there remain in place in all competitive markets market rules that all market participants have to abide by. The prices charged must be in line with regulatory policies and ensure against market power. There are independent monitors watching the market participants with substantial penalties for violations.

Regulators ensure that adequate resources are in place. The bulk power system is subject to comprehensive reliability regulation; and for

changes of control, disposing of assets, in general regulatory or approvals are required. A lot of financial transparency. So even in the marketplaces, there remain in place clear market rules.

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So in our view restructuring is a good term to use because there remain in place market rules that ensure good behavior and ensure the kind of standards that will promote pro-consumer outcomes.

So in conclusion, our point here today is that competitive markets are the best way to move forward. Our message to the Ohio Commission is keep moving forward. You're headed in the right direction. We know you have some technical issues you want to resolve in this hearing; we urge you to do that and continue to move forward because it's the best way to provide the customer value that you're looking for.

Thank you Mr. Chairman and Commissioners.

CHAIRMAN SNITCHLER: Great. Thank you. We'll hold our questions until all three panelists have gone, so Dr. O'Connor, the floor

is yours.

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MR. O'CONNOR: Mr. Chairman and members of the Commission, thank you very much for inviting me to suit up one more time with my dotage. I should note that we don't want to mislead you by thinking that the order of appearance in this panel has anything to do with content. We decided in ascending order of hair length we would go. I've distributed copies of the slides and related paper, so I'm not going to belabor these slides in detail. I also have 40 copies over here on the tables for anyone who might want them. And if I'm so fortunate as to run out of them, then I'm happy to E-mail them to people if they catch me afterwards.

Even though this slide says that we have some lessons from more than a decade, really a decade and a half of development and customer choice, my perspective on this is sort of a 30-year one. It was when I was dealing with the Commerce Commission in the mid '80s we actually, as a commission, delivered what many think to be the first paper advocating the movement toward competition, and we did so on the basis of experience that we'd already been

having in natural gas in Telecom where we saw customers taking to choice, as Bill says, very quickly.

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So what are some of these key lessons? Particularly you want to think of them as rules in the road as any state, particularly Ohio, you know, moves toward more complete customer choice. The first is that be wary of half measures. I think one of the things we learned is that, you know, back in the mid to late '90s as we got into this, it was a case of first impression. The electricity, it was new, so there were a lot of belts and suspenders and safety nets and so forth and so on. But I think as a general matter those have proven either to be pretty much unneeded, but worse, they often proved to simply delay the delivery of competitive benefits to customers, particularly smaller customers.

The other lesson is that, and we still have this debate going on, I know, in Michigan, these four concerns that are on this slide here have been presented as fact, which is the prices are more volatile in retail competitive states; that the price trends in

retail competitive states are less favorable to customers or disadvantageous; there's the claim that in customer choice jurisdictions that there will not be adequate certainty for investment in generation, therefore, there will be reliability problems; and the utility credits will be damaged. A little bit later on I address all four of those. So we've addressed them all in an empirical way and all failed empirical tests rather dramatically.

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The other thing is that when we talk about retail, small retail customers, small business and residential, I think what we found, and I should have known this as somebody that lives in Chicago even though I went to

Northwestern for graduate school, is that the

University of Chicago, School of Economics tells us that transaction costs are quite significant in such matters, and I think we've learned that but we have also learned how to deal with those.

And finally, and I think this is terribly important, is that when we look at states that have moved into robust competition, what we find is that the advocates of customer choice and the utilities have found common

ground. And one of the ways of finding common ground is to really bend over backwards to give as much flexibility as possible to utilities in their efforts to reorganize, to participate in a competitive market, and to devast or otherwise spin off, I call it jumping the wall, of their generation to affiliates. The more degrees of freedom that they have in that regard, I think the faster this will move.

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The other thing is, you know, this is not to blow smoke at you, but I thought your process here is timely for two reasons. One is that you fully recognize that customers are showing an appetite in Ohio for more choice and you want to move things along, and you recognize the importance of bringing some certainty and order and uniformity to all of this. And to say that there's not adequate uniformity now is not a criticism, because basically in every state this has always been a utility-by-utility phenomena and that's just the way regulation is set up. It's the way things are played out. And only over time do you get to the level of standardization and uniformity that is most conducive to choice and I think you recognize

that you're probably on the cusp of needing to do that.

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The other big thing is that, and this is just Phil talking here, is I think we are on the verge of another wave of restructuring. reasons, I think, are fairly obvious. The shale gas revolution has up-ended all of the old cost formulas. You know, a lot of capital, cheap fuel. Well, things aren't working out guite that way anymore. It turns out to be almost in the inverse. The other thing is traditionally regulated states are rapidly losing what they regard as has been a long-term price advantage. Just look at Indiana. Indiana lost its position as the lowest price state in the upper midwest. Ohio is hot on Indiana's heels. The other thing is that because of the shale gas revolution and other things, such as the age of the coal plants, you know, we're on the verge of some very big investment decisions, and the fundamental choice is do you deal with these investments in the traditional way, which is have customers bear an awful lot of the business risks, or do you have investors and plant owners and operators bear that risk as we do in most

other industries?

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Bill's already spoken to this, and you see it yourselves, is that when customers get the chance to choose they do. Now, I use a somewhat more narrow database than COMPETE does. We focus on 14 jurisdictions that have robust competition. We treat as hybrids California, Michigan which, you know, everyone knows that they don't really have robust competition, but what we see is, so far, it's been a regional phenomena. If we take Texas out of the mix, this has been in the northeastern quadrant of the United States, that competition has developed in a robust way, but that still counts for one-third of all the electricity usage in the country, and within those 20 states, if we look across the nation, about 20 percent of the nation's electricity usage is handled through non-utility providers, the various kind of contracts, whether it's municipal aggregation or bilateral contracts. The other thing is that in this

period of economic softness, 2008 on, while electricity usage remained relatively flat, the amount of electricity served by non-utility

providers has grown by more than 50 percent, and that's really quite a story. So these are just, I hope, pretty pictures that kind of indicate the concentration which, I think, is interesting because what it shows is that an entire region of the country, with the exception of a few states, is operating on the basis of an open market. We see the rather dramatic upsurge in customers moving to choice. Now, we have gone from about 488 terawatt hours to -- I'm sorry, yeah, terawatt hours to now about 740, which is very substantial. We see that in the various sectors of residential, commercial, industrial. It's been an upward trend line on all of them. And when we look in some other states, my favorite of course being Illinois, we see that more than 90 percent of the load is now being served by non-utility suppliers. Even our default service is serving a relatively small portion of the overall market and a minority of the residential customers in the state. entire City of Chicago, for example, is on Muni-Ag, although at my house we actually buy on, you know, a bilateral basis from a provider. Actually, these trend lines don't

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include another 7 or 8 percent of load which is accounted for by hourly; that's of the industrial-commercial. So counting hourly load, which is really not utility supply, we're up to about 93 percent of all the load in Illinois being served on, you know, on the basis of non-utility suppliers.

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I'd like to focus very quickly on these four key arguments, and let me state these more in the affirmative, which is that there is no statistically significant difference in price volatility at the retail level between choice and monopoly states except for one period of time, and that is '08 to '13 where we find statistically significant lower retail price volatility in the 14 competitive states. And if you want to look at this next slide, I'll go back to this other one. Look over to the right-hand corner at the numbers with the This is the coefficient of variation asterisks. for the weight of the price volatility. other words, we take all the kilowatt hours of the 14 competitive states, all the kilowatt hours of the 30 noncompetitive or traditional, and then all the kilowatt hours of the five

hybrids. And we do find statistically significant lower coefficient of variation in the 14 jurisdictions.

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So what you get, unfortunately, and this has been particularly the case with the utilities in Michigan, they show the Commissioners wholesale volatility. They say see, look at that. That means that these poor residential and other retail customers are suffering this volatility. Well, of course, they're not. We all know that people buy mainly fixed price products and they hedge out that volatility, and it turns out by doing so they have had statistically significant lower price volatility than in the traditional states.

Let me go back. The second thing is that choice state price increases in the period '97 to '13 were lower than inflation, while monopoly states were higher than inflation.

That's a somewhat different way of commenting on what Bill said, and I'll get on to that thought in just a second. The other thing is competitive states have attracted substantial generation investment and have done so where it's warranted. And if we look at the upper

midwest as a case study, we're going to see
that. In fact, people have been pointing at
Texas, saying, oh, my goodness, there's going to
be this reliability there, they don't have
enough generation. It's interesting to note
that since '97 Texas has added, added more
generation than the entire State of Michigan has
in place today. So I mean, these things fail in
the face of actual data.

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And then finally, the differences in utility credit ratings between choice and monopoly states are not significantly different from the statistical basis. So let me just move very quickly. I'm going to move to this price slide. If you look in the upper left-hand corner at the numbers, I think that sort of tells the tale. There's a 23 percentage point difference between the nominal percentage increase in the period of '97 to '13 in the competitive states. That's 35 and a half percent compared to the more than 58 percent nominal increase in the 30 traditional states. And that comes to about a 15 to 16 percent swing difference when you go to real deflated numbers. So actually, about a negative 8

percent price increase in that period of time in the competitive states versus about the 7 and a half percent real increase in the 30 competitives, in the competitives — I'm sorry, in the traditional. So the traditional states are not really helped out, particularly if you add in the five hybrids. So again, if you go to the real data, you see a different story than the contention.

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These next four slides are just a quick illustration of what this looks like. Ιf you look at the blue line, that is the all sector line. So you can see that up until about '08, all of the states in the national average had moved up pretty much in tandem. As we get to this shale gas revolution and the fall-off in demand, the electricity in the competitive states behave like a real market, right? If you have less demand for something, the price comes Traditionally, of course, in utility regulation, if the demand falls, what do we do? We raise the prices. I used to tell people that as a regulator my day was not complete until I distorted some prices. And we see the same thing with the residential line.

Well, if we look in the upper midwest, it gets very interesting. Ohio is that middle purple line, and this is cumulative percent increase, okay. So ever since Ohio has sort of determinedly gotten into advancing customer choice, your price increases have basically gone away. They have flattened out. If you look at Illinois where we have more robust competition for a longer period, you see that the prices have been coming down. Our friends in the region, Indiana, Wisconsin, and Michigan, all have seen substantial rate increases on a percentage basis and on a nominal basis. And again, we see our friends in Michigan, prices are going through the roof, and we see where Wisconsin has been going up. mean, it's not been a pretty picture.

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One of the ways I have tried to help our policymakers in Illinois get a feel for the value of choice, and I'm not attributing all of this change to choice, but it is at least coincidental, which is that Illinois was always well above the national average prior to 1997 when we instituted choice. Since choice actually kicked in in the middle of '98 and the

price effect, if we compare our actual prices in the state, which is that red line, the average price, these are all EIA numbers so Phil hasn't monkeyed with them, and we look at that blue line, which would have been the prices if we had had the traditional relationship to the national average, about 9 percent, 10 percent premium, that's about a 36 to 37 billion dollar delta as we sit here today.

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Now again, I'm not attributing all of this there, but nobody else has come up with a better explanation to drive those kinds of numbers than competitive choice. Well, what about adding generation? And again, I'm not going to belabor this, but we can see that all the states in the region between '97 and '11 have added fairly substantial amounts to their generation base. Ohio about 25 percent, Illinois 30 percent, so there's no disinvestment going on in generation during this period of time where you have different states following different regulatory models.

But one of the interesting things that has happened in Illinois, where again we've had a choice in more robust competition for a

longer period, the generation that has been added has proven to be considerably more efficient. So it's beginning to take a lot of market share away in the region, and you can see that the capacity factors have changed considerably. So Illinois is actually the only one where it's gone up.

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Now, I'm not attributing that to competition. What I am saying here is that the claim that if you have customer choice there won't be investment in generation and you will have inefficient deployment of capital, if we look at the case study, we see that that claim does not hold up. So this is more a case of a null hypothesis. In some ways it may not matter what kind of regulatory regime you have, you will have investment and generation if it's needed, but it's certainly not the case that you see generation investment go away. And the other thing is Illinois has become a major exporter producing over 40 percent more than it needs.

Utility credit ratings, they are what they are. It turns out they don't differ really from one place to the other. The only

interesting thing to note on this, in the right hand, in those states that are regarded by the rating agencies as less credit supportive, in the competitive states we have higher credit ratings for the utilities than you do in the more credit supportive states that are competitive. Very interesting.

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So what does all this suggest about Ohio at this point? Well, the first thing is have as clear a statement of your philosophy as you can. You know, one of the frustrations in being a commissioner and, you know, you already have the lawyers telling you don't do this and don't do that; my advice is don't listen to State your philosophy. You aren't just judges; you are experts, and as experts you're in a position to chart a pathway. You know, you shouldn't do it in an egotistical way, you should do it as you're doing, checking with people, testing out your ideas; but you really want to state a clear policy where you think you need to go. People will get in line once you do that. So clarity of purpose is important, and above all, you know, you do want to make clear, and I think you are really starting to do this,

this dichotomy between the ESP and the MROs has got to go. It's just too confusing. It's always holding out this possibility that it might turn around and go the other direction.

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As I said earlier, you want to facilitate both the investment and evolution of generation and corporate reorg. You want to try to get rid of cross-subsidies in the cross-classes to the extent they still exist. And by the way, we should all acknowledge that the big beneficiaries here when we get rid of these cross-subsidies are going to be the commercial customers. They have always been the ones who have gotten the short end of the deal. And it's important to get away from the notion of a regulated price for default service. We'll turn that over to the market. We have done it in Illinois. It's been done other places. It's quite doable, and I mean, the devil is in the details, of course, but you just have to pay attention to what the lessons have been.

At the more specific level, you know, my preference is for, you know, auctions where you're doing tranches of classload that let the wholesale price translate directly into a retail

price under a formula rather than, frankly,
having the temptation to monkey with it. You
want to make sure customer data is timely and
accurate, that utilities can provide the
customers who can, of course, make it available
to competitive suppliers, and that really works
for the utilities as well. You want as much
seamless enrollment as possible, particularly at
the residential level with internet sign-up and
so forth. I think contract portability is
interesting.

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I think one of the things to make sure, though, is that the alternative suppliers are not the obstacle here as well. You know, you have all heard this as Commissioners, whenever you want to do something, utilities say, well, we'd love to but our billing system won't let us. Well, you may get some of that from the competitive suppliers as well. And again, it's a question of your philosophy. Once you make your philosophy clear and what it is you think you want to do, as long as you have some knowledge of the practical problems, these things will get done. And purchase or receivables I think has proven to be important,

but it has to be compensatory. You can't have an unrealistic discount level.

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So let me thank you again, and I'll stop here and turn it over to the man with the hair.

CHAIRMAN SNITCHLER: Pat, I believe that means you're next up.

MR. WOOD: All right. Great. thrilled to be here, Chairman and Commissioners. I have not been in these hallowed halls before but I have virtually many times. Your predecessors here were probably, along with the New York and California Commission, the people I looked up to the most in helping me do my job as a Texas commissioner. Our comradery with the mid '90s and the early double naughts team from Ohio and Mid-American Regional Commissioners were some of the closest and best friends that I have got, and I really am honored to see what you all have done with the legacy they laid back in the days, and with the 2001 statute what you all have been able to do with what is admittedly a tough-to-work-with statute. I know that was written in a caldron of the western energy markets aflame. The fact that Ohio passed a

section at all I considered, when I was up close and looking at it from afar, sort of a miraculous event; but understandably, I remember talking to Craig Grazner in the early 2000s saying, hey, look, with marginal cost of electricity higher than embedded cost of electricity, why in your crazy mind would you ever contemplate going retail competition? For the points that particularly Phil just talked about, that's flipped.

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Marginal cost, the cost of adding a new unit of electricity, is less than the embedded cost and is getting more and more so as the embedded cost in our neighboring states are going up. You're at the right time to do it. You're doing it the right way. You're doing it thoughtfully. I was blown away. And I met the Chairman of the Commission, I met the Chairman back in Donna Nelson's office, the Chairman of the PUC of Texas, about three years ago and we hit it off and got to talking about markets and structure and continued that over dinner. But I had no idea. I hadn't kept up with the detail level until I was invited to come today. I had no idea the type of progress you had made in the

state, the collaborative nature of the people in this room. It just reminded me so much of the halcion days in Texas; that you're asking a lot of questions, you're engaging, you got a vision of where you want to go, you got a governor who's backing you up. All those recipes; and you have got a hell of a lot of gas underneath your ground and the states next door which bodes for a very comfortable market to be making the marginal cost less than embedded cost bet, which opening up competitive markets is all about.

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A reminder. I think Phil put it best. What's the reason you're doing this? Say it to yourself often. Say it to the people in this room and beyond often. Why are you doing it is the same reason that a certain governor of Texas told me 17 or 18 years ago in his office with a nicer looking pair of cowboy boots propped on his desk than I was having on my feet. The reason we're doing this, Pat, is better prices, yeah, better customer service, yeah, better technological innovation, yeah. He said I've heard that, I believe that, that's why we're doing this, but we're doing telephone and electric at the same time, so it was a little

busy and it was the telephone activity that brought me probably in the closest contact with the Ohio Commissioners at the time. He said but the real reason we got to do this, Pat, is those people, the utilities, the people you regulate care more about what we in this building, meaning the state capital, think than what their customers think. And that's wrong. And you're going to change that. It's all about the customer. I think as long as you remember the first word of your name on the back of that wall which is the same one that was on my wall is the Public. It's not maternalistic to do things that the public is not clamoring for, but by looking down the road you're doing the right thing.

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You've got to have three things to make that restructured market work, though, and these are the ones that was on my board six years in Texas and four at the FERC: robust infrastructure, balanced market rule, and vigilant market oversight. What's great for you all is you have a wonderful partner in that effort with PJM. I think very highly of the efforts that have been done. I'm thrilled that

FE, you know, not that there's anything wrong with MISO, but that FE was able to unify for Ohio by their switch back to PJM even though they helped start MISO which was something the lawyers praised them for doing, but to really join up here and allow this state to be under the aegis of one RTO is very important. So you have got a great ally in the infrastructure, market rules, and oversight function that are really critical to making competition work for customers.

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I do think in my experience, and I'm just going to lay out some thoughts, a page and a half of thoughts real quick and jump into what I hope are some questions from you all, whatever questions to help. We're apostles for the future market and we want to be able to help you folks that are on the front ground of it doing better. And I should say, I was so discouraged and disappointed by what happened in Arizona last month, but, hey, in Ohio take advantage of that because you're the best-looking girl at the dance. There's nobody else — no one else is paying attention anywhere except for here, and I'm thrilled at how far you folks have come in

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opening up the market. And so, therefore, I
think it's time to really think about what's
next. A lot of the ground blocking and tackling
has been done and you ought to celebrate that.
It's a great season to celebrate a lot of
things, but celebrate that and think about where
you're going.

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I'm going to throw out a couple of thoughts on that. Structural fixes are much better than behavioral ones. Disaggregation of companies are a lot better than codes of conduct that have to be policed. Affiliate rules are okay if you have to. We had to make some compromises in Texas because we're not a state that likes the word divestiture. doesn't synchronize with the color of red too well, so it was one we had to work around. Curiously enough, the utility saw how bristling the affiliate rules were and decided they can go ahead and structure the move anyway. So they chose to do it. When they choose to do things it works out a whole lot better than when it's shoved down their throat. I think we all know that lesson. It's definitely the way it works here in America a lot better.

A relentless push on a technology platform to reduce the cost of doing business for a competitive retailer, and that's a comprehensive type thing and I suggested to the chairman ahead of time that, and if my buddy Powelson is listening on the phone, I think it's past time for Ohio, Pennsylvania, Illinois, and Michigan to get together and say, with the retailers and utilities, let's get a common set of protocols that work across the competitive states of PJM and whoever else, that would be Jersey and the others as well, but PJM and MISO. Let's get a common billing interface, a common EDI interface, a common set of protocols for transfer of information so that the wholesale settlements and the retail settlements are relatively seamless.

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I'm not one to ever promote the Texas model but we've kind of broken a lot of pencils and stuff on this effort trying to figure it out. A lot of those people in those markets are in these markets. I would suggest there's probably some pioneers out there who pioneers get shot and the settlers get the land. Be a settler. I think we've learned some of this

stuff the hard way.

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And I would standardize everything under the sun. We started off that way with the Texas Big Bang and I notice that in your July 30 comments from these proceedings that we're told to be weary of the Texas model. I think the typo was interesting but, and you're past that. Had you chosen to do the Big Bang, which we're going to do with all the utilities, not one by one but do it across the board with a standardized approach, but your statute didn't allow that. We're past that. We're beyond that.

However, it's still not a bad time to consider how do you get to the next end game because if you're going to just be rebranding the utility service and you're going to have skirmishes about, my lord, did I get a quarter of an inch or a fifth of an inch on a logo on somebody else's bill, you have lost the war. You've got to plant that flag deeper in the next territory which is, you know, the residential service providers send you a bill with his name on it. It's got the wire company's phone number there. If you like you can call them, but if

you get advanced meter support, there's always utilities people who are dying to go in your state because that's the only way to grow their rate base. They'll know it before you even call. So you don't even need to call anymore, so that kind of thing becomes less and less an issue. But the end game is not a consolidated bill. The end game is a direct retail customer presence with the retail customer.

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Now, you all had done some phenomenal things that I wish we had thought about in the day because it ended up being a more costly transfer in Texas than it has been here so far. The type of things that ease that transfer away from the vertical market power of the vertically integrated utilities to a competitive model, such as municipal aggregation opt-out, we looked at that and considered not to do it. looking at how it's worked here with Amron, with our industry for an acquisition of Amron retail business last week in Illinois, we learned a lot about how EDI works there. My gosh, what a great way to start getting the market opened up. It looks like you all have taken advantage of that process here as well on the residential

side. It probably doesn't make a lot of sense on the larger customer side. Those folks like to do aggregate billing across the state; they like to do single management of their energy across multiple premises and those type of things. It works different for a bigger customer than it does for a smaller.

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But I notice some of the things you're talking about this afternoon, the purchase of receivables, I share Bill's point that that's a service that can be offered. As long as you have got a consolidated bill, that probably makes a lot of sense. Again, that's small ball. That's today's game. It's good. You have all done great, better than we ever did on doing things that kind of get that market going.

The next game is the harder one and I would, I think in parallel, do those things well which you're doing now to open the market and then be planning, however, on the big game, which is moving to where the customer relationship is, the big competitive service, because that's how you lock in competition and make it last forever when people have that

direct relationship with multiple companies that are competing on price, service, and technological innovation, on everything across the board.

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I would just, again, suggest getting the EDUs, as we call them here, out of the retail business altogether. I think once they become purely focused on wireless business they serve everybody equally and fairly, they start to think about how can they innovate, how can they grow their rate base, and as a regulator they're going to ask you to do that. You should want them to do that because there's a lot of innovation to move to the grid enabled future that we call, I think it's kind of silly now, SmartGrids, but those basket of issues that fall under the SmartGrid moniker are what unbundled distribution utilities do and do well, and we're seeing a lot of it in Texas.

It's exciting to see not only that we got SmartGrid deployment across the state now, but what is being done with it. The type of things that Bill laid out in his comments are really not too much tomorrow things; they're today things. So I think this state with it's

wonderful history of manufacturing, you know, heart of the nation could certainly be that in the new economy as well. And it's going to be enabled, however, by the foundation that you lay. That's a big responsibility as economic developers of this state. That's really what this Commission is about: economic development. So if you're laying that groundwork through the foundations that you're building here with the new electric grid and unbundled wireless company that's relentlessly focused on what it can do to do that, it's an exciting future for a utility. They're happy, I think in fact they were more than happy to get the generation behind them out in somebody's else's hands, that retailing and all those wonderful but crazy customers over in somebody else's hands who like that and like to handle that, and let me focus on infracture and It is a good job, it's got good returns as you all know and you people should want to do that.

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So I do look at -- and again, reward that, reward that through the way you do rate designs to reward a wireless company for splitting apart and innovating that way. I

think that certainly the carrot is better than the stick here.

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On education, I know we're talking about that here on the next panel. Your web portal looked good. I think there's a lot of good portals across the country. Again, I live on the Texas one so people call me all the time to talk about competitive offering. I kind of think you're beyond this Price-to-Compare era, and in reading the notes and in reading all the discussion here, I think Phil alluded to it here just a minute ago, it seems like last year's With the kind of penetrations and removal from the incumbent team that you all have already got, it seems like -- and again, you're bound by your statute, and I'm not advocating that you read your statute as flexibly as our president is reading the federal statutes because I don't know if you can, but I would push it because I think you need to save your limited regulatory dollars for the type of things that are going to take a lot of grunt work from staff, from Commissioners, from parties on setting up this kind of new market where the stand-alone thing happens.

So in looking at our statute in

Texas, it did say if it was over 40 percent then
certain deregulatory type things happen with
regard to the default rate. So it looks like
for most of your territories based on March
data, which is now almost a year old, it looks
like you're there in all but one or two. So I
would just say it seems like the market should
be setting the rate that customers are paying
here. You have got enough disaggregation here
and enough competition and certainly it's a
supportive wholesome market structure to allow
that to be effective.

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I mentioned the great ideas you all had in transition that were much better than we had. In migrating the TDU, the transmission and distribution utility, from protector which is old model to enabler is kind of the word I want you to take away with my suggestions on that. As to your statute, if there is some opening of it, I understand there's some statute that's trying to alter other parts of the law with energy efficiency and with renewables and the like, if that's the case then I would certainly use that opportunity to get the wiggle room to

standardize, to get uniform time lines across all your Ohio utilities so you don't have these individual rate cases that are inefficient for utilities to prosecute and certainly inefficient for the parties and Commission to deal with, and you can deal with that on a rulemaking basis.

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And then finally no back sliding. I think the statute does allow for, as Phil alluded to, I read it the same way, does allow for some ability to kind of try to glue Humpty Dumpty back together again in some dark future that may never rise, but as you saw in Arizona, the empire sometimes strikes back. So you want to make sure that that empire is out of business and we're going forward with a clean model that leaves utility customers, generators, investors with a lot of certainty about the Ohio model and this is a great place to invest. We know what the future is going to look like here, and I think to me is a real attractive message in the state that's relatively purple with people on both sides that care a lot about economic development.

True thorough cost unbundling, I think, has to happen. That was really what a

lot of people tell me in Texas was our best thing, other than having the retailer, having the direct customer relationship and putting the TDU out of business. The second thing was that we set the TDU in our case, what we call EDUs here, we put the transmission and distribution utility rate clearly though a clear unbundling rate case and anything that was not related to transmission or distribution function, i.e., generation, retail, energy services, et cetera, was out of the regulated tariff rate. It was out and it never came back. That was hard to do, because even if you come up with a development offer, all these people want to get back in the rate base. We just said no, that falls on the competitive side of the fence, it doesn't belong here. What goes in the tariff is here. If there are social calls like for energy efficiency, low income, et cetera, tariff those out, put them on the surcharge. We got a few on our bill broken out separately here. Customers can see what they are. We have a special surcharge for the hurricane restoration efforts with Hurricane Isaac in Houston, for example. So there are breakouts that are allowed and

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permitted and people understand that. They understand actually better on the electric side than they do on the telephone side. I've never gotten the difference. I never can figure out why people scream about 19 cents on the phone bill but \$9 goes through on the electric bill and you never get any call. But that's for another day.

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Again, the bigger picture, keep competitive entry easy for your creditors. They are your avatars for your future. You want to keep their cost of business low. You don't want to be -- you don't want to subsidize it to where you have an inefficient entry, but you do want to minimize the various entries that either maliciously, which I hope not, or exist kind of inadvertently being put in place by the existing incumbents. I think you've got to be respectful, however, of the century of great service that the incumbents have done. So I think the Ohio way has always seemed to me to be pretty balanced between both the old guys and the new guys and I just say keep that up.

We did a centralized switch info for when people switch from one customer to another.

We had a centralized database that we housed at ERCOT. It didn't have to be at ERCOT. just kind of the guy that was standing in the room when the legislature decided to start allocating things around, but that made switching easy for us. I know there's been an issue here with portability of contracts and what have you. These just have a little card that goes out to the person when they sign up with supplier A. They get a card from ERCOT that says we've got a switch order here. Just making sure you're okay with that. If you're okay with that, don't call back; if you aren't okay with that, call back. And so they'll get and catch people from being slammed around, but that was more in the early days of the competition when you had some of that telephone tactic kind of show up on the power side.

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Shutting off for non-payment. That's a tricky one. I've been round and round with that for ten years. I finally got out of it because I wasn't a regulator anymore but that is a toughy, particularly in this consolidated billing format. It's probably a slightly different issue we got with the independent

format, but if somebody doesn't pay a bill what do you do? I can address any questions about that, but I can argue both sides passionately well, but I always enjoy hearing what other states do about that one because you all get a lot colder here than we do and we get a lot hotter here than you all do, so it's kind of one of those things that whatever time of year it is, that's when this issue comes up the most.

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Your suppliers are key here and you should give them all the info and support they need to do their job. I think both my colleagues are saying they should pay for it. We learned that on Telecom. If you discount it too low you get inefficient entry, but if you tariff it and make the cost of a utility-provided service, whether that's in a billing or some sort of credit support, what have you, if it's done at a market rate then there should be no skin off anybody's back.

And I think one issue that we also had to worry about was a little bit of a red herring. I don't know if that's come here with the municipal opt-out thing; keep everybody in the boat together which I think actually was a

good thing for social policy. But the utilities have always been great about making sure everybody, whether they're rich or poor, kind of gets access to the resource. We want to make sure the competitive market does not disadvantage the poor, either the poor with dollars or the poor with information. So your education effort is addressed at getting the poor of information out. The poor of dollars part is either with the direct subsidy that's billed over everybody on the retail electric bill, or it comes from the legislature from another pot of dollars, but I'm not sure, it wasn't clear to me from my research what Ohio does on low income support for utility bills, but that should not be ignored, and it could fall on the wayside if it is not consciously looked at.

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And enrollment, I did notice about the deal not being able to do it from, I think it said your wallet. Is that the word here? My wallet just carries around another 20 digit ESI ID. I know that's not the nice answer that all the retailers want, but I do have it here on the notepad, or the I-pad, that next to my credit

that I use in Texas. Now, I haven't switched retailers for quite awhile since I got involved with the current one, but I do carry my ESI ID around for outages because I do sometimes need that to link to my -- I think I was able to link it to my driver's license or something, but I don't think Texas has the best answer for you all on that one there, but I will at least say we have an answer, just not one that anybody with an I.Q. short of Einstein can walk around and pull out of their wallet unless their wallet has the notepad already in there. So wish I had a better answer on that for you all. Sorry.

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Portability. Again, we have not really faced that issue because of the retailer being the port of call. So when you move from this residence to that town, you just tell them you're moving and they'll handle that for you. So it actually works nice if you're moving between utilities. Now, I don't know that many people do that too often in their lifetime but at least it works that way. And I have to say when I hear about the POR discount that was equal to the uncollectable rate of the EDU,

hell, I'd take that deal. I look at, you know, my dad's cost of running a retail pharmacy business to charging credit business there, you're paying 3 percent to AmEx already. If you run your own charge business it's probably 4 to 5 to be able to render an independent bill like that. So, you know, my thought is as long as the consolidated bill structure is around here, you know, that ought to be happening; but again, as you know, that to me is like an easy — that's a nice little oasis of life. You need to get them out there in the ocean and swimming. That's your end game that locks and loads all the best gains of competition.

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So my grandfather was born near East Liverpool, Ohio, so I have my roots, despite this accent, I have good roots in Ohio and I'm glad to be back.

CHAIRMAN SNITCHLER: Thank you Pat, and thank you to each of the panelists for your presentation. I found that to be incredibly helpful. We, like you, or unlike you, didn't put together our order of questions so I'm going to turn to Commissioner Haque, and if you want to start, I'll bring up the rear as I typically

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do on these. So I'll let the other 1 2 Commissioners ask their questions first and then 3 I will bring it to a close. If you want to contribute an answer, feel free. If you don't 4 5 have anything to add, feel free to pass. 6 There's certainly no obligation that each of you answer, but certainly answer if you can. 7 8 Commissioner Haque, with that the floor is 9 vours.

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COMMISSIONER HAOUE: So before I sort of get into the weeds with some of the questions, especially based on the agenda today and the panels that we have later in the day, I just want to, Mr. Wood -- first of all, thanks to all three of you for your excellent commentary. We greatly appreciate it and thank you for making the trek out here. What I don't want to do today is sort of lose the forest for the trees. We have some very specific panels that we're dealing with this afternoon; things like customer enrollment, things like contract portability, purchase of receivables, et cetera. With your knowledge base, your general knowledge base and then your understanding of the Ohio market, there's certain things that we can do

based on what our statute says and certain
things we can't do. But sort of sitting in our
shoes with the expertise that's here right now,
what would you say to us that are, in terms of
the forest, right, what are some of the real big
ticket -- I don't know if there's an agreement
among the three of you, but in looking at what
Ohio is doing right now, from the forest
perspective, what are really sort of the big
ticket things that you think that this
Commission needs to accomplish, whether it's
with this current Commission or a philosophy or
a policy that we need to set, kind of get in
motion for future Commissions?

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MR. WOOD: Well, in brief, I think this multi-state effort to really standardize and uniform the business behind the bill that the customer doesn't see, so that the cost of entry into Ohio, into the upper midwest is low and your welcome mat is big for retailers. That collaborative effort that I recommended, I think, would be one big, big issue, Commissioner.

MR. O'CONNOR: First of all, I don't want to be trumped on this who was born where

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thing, but my granddaughter who turned 6 yesterday, even though she lives near Detroit, was born in Cleveland. So I just want to make sure you know that.
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CHAIRMAN SNITCHLER: So noted.

MR. O'CONNOR: I don't want to be left behind Wood.

MR. WOOD: That's all the cards I got.

MR. O'CONNOR: The three big things are things that you are already on course for. The issue is whether you accelerate, and whether you try in a sense to simplify by not recreating the wheel. You know, look out around and go visit the other states and find out how they did it, and that's easing the movement of generation out of the utilities and then they make a business decision to do that. Now, some will want to take a risk and hold on to it, you know. They're big boys and girls, they do it, I don't advise it but they do it.

The second thing is this. You have to try to have a foot in the past and the future, ESP and MRO. You really want to make it clear that you're getting out and not going

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And the other is to simplify the default service procurement as much as you can, and probably to make it as uniform as possible across the utilities. Now, I'm not advising you go as far as Illinois did, which was to actually set up a state agency to do that, but what we have seen is that in Illinois the utilities have embraced getting out of the business of being at risk on supply. So I say those are the three I know you're on course to do these things. things. It's just really a question of how fast you want to push it along and the extent to which you take advantage of the experience in other places in the way in which they have done similar kinds of things.

COMMISSIONER HAQUE: And just to follow up, when you say simplify procurement for the default, with respect to Ohio, what are we doing wrong? What can we do in that regard?

MR. O'CONNOR: Well, for starters, one way to do it is to say, look, we may be experts here at the Commission but we're not know-it-alls, and we want everybody to go in that room and come out in a few days and tell us

that you pretty much got things worked out, because if you don't, we will. And you will get an enormous amount of agreement on these things once you make it clear that you're going to move ahead and that you are going to resolve the differences one way or the other. You've all been in government long enough where the guy says to you, you know, I'm going to the governor and you say fine, but just so you know, if the governor says it's my call, you lose. And here it's a question of saying we're not going to agonize over this stuff, we're going to resolve whatever the remaining issues are. And if you can't come to an agreement, then, you know, you run the risk of being on the short end of this. So I would say that's the thing you want to do is try to set as reasonably near a time frame as you can for getting some of these things largely resolved in terms of agreement on principle. And then you can work out some of the details, but you don't want to let these proceedings of that nature drag on and on and on because it's not worth it. You can fix small problems later. MR. MASSEY: And, you know, I'm here representing a client with 740 members and so

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it's sort of like earning cash too. Once we drop down from the 30,000 foot level and talk about specific issues, we have robust debates within the coalition. So there would be varying points of view about certain down-in-the-weeds customer design issues but no difference on two or three points.

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First of all, as both Pat and Phil said, tell the world you're really committed to this. Make sure everybody knows it. Make sure they know you're going to go forward. Focus on getting the rules right from the start. have the political momentum to do things in a bold way, I would recommend doing it. On the other hand, you've got to be politically astute. Pat and I were at FERC at the same time. We tried to do standard market design at wholesale, and it was a great idea, still a great idea. We couldn't get it done because of politics. So, you know, I think you need to make sure you have got the oompf, the momentum to move forward but once you do, do it, and make sure everybody knows you're committed to it, you're not going to turn back, and be very transparent about what you're doing. Everybody

has an opinion. You get a lot of opinions ultimately. Why you make the big bucks is because you're the ones that have to decide the course you're charting here in Ohio moving forward.

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I think to the extent you can rely on structural changes rather than complex market behavioral rules, you're probably better off in the long term. And my only regulatory experience is at FERC, but what we struggled with the whole ten years I was there is how to get the structural rules right so that we didn't have to have very complex behavioral rules to make sure there was separation. There's still complex behavioral rules at the federal level but to the extent you could avoid that, I think that's a good idea as well.

of big picture follow-up question, and this sort of corresponds with what you gentlemen just discussed. Mr. Massey, I think you called these markets restructured not fully deregulated, okay, and so from a philosophical standpoint what should this Commission's charge or what should this Commission's, I guess, authority be

in the competitive retail electric market?

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MR. MASSEY: The reason I shy away from the term deregulated, because it just sounds like a frontier, the wild, wild west where anything goes. That's not true. I think the PJM tariff is about 2,000 pages long of frontier in, you know, the restructured wholesale market. You certainly want to allow competitive forces to bloom, but you want to make sure you have rules and principles in place that everybody has to abide by, and you want to make sure you have transparency, and maybe you have to require that. If there's change of control of importance assets, maybe you want to be able to have a say there as FERC does. there are rules that suppliers have to follow and you want to make sure that they follow those rules and you want to have good oversight so it's not the wild, wild west. It is a restructured market that allows the forces of competition to bloom and provide the customers out there. I just think deregulation is a loaded term. You know, I sometimes use it myself, but I think restructuring is really what you're doing. You're restructuring the industry

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in Ohio to achieve maximum customer value, and that's the way I would characterize it.
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MR. WOOD: Competition is a predicate for deregulation, and so, you know, the utilities obviously want that promise of getting less or more light-handed regulation and we're happy to provide it but here's the price. price is get a fully-competitive market. And I know you'll have a debate for a year on fully-functioning market. Looks great. The answers to that on all sides of the industry are pretty much down the line on that, and I would say that's your report card. If you get that, you can call it whatever you want, you know. Until it's deregulated, it's not the end game. Really, the end game will garner benefits for customers. We have learned from multiple industries that less regulated markets, not unregulated markets, not deregulated markets, but more lightly regulated markets yield more efficient results and, therefore, a growing pot of customers. So I think that's clearly what we have seen in my own state with this effort that you're all undertaking here is that if you get a competitive market first, then the deregulation

that follows comes pretty naturally.

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There will still be people that want to keep their hands in and keep doing a little more than maybe you want. That's your job as the regulators is to make that balanced call. You really don't regulate unless you need to. That's kind of my impulse is to come from that side of the angle. It's a philosophical one, though, and I think restructured is kind of a neutral word that has been pretty well accepted in the parlance. We like competitive markets down in Texas. I think the word deregulate lost its cachet with both the red and blue states, with California totally. So it's kind of either competitive or deregulated -- I mean, it's either competitive or restructured that we tend to use when we're talking about what we're talking about here today.

MR. O'CONNOR: You've actually got a pretty good model elsewhere in state government for this with the insurance department. The insurance department spends very little of its energy in the business of trying to regulate the prices and the premiums of homeowners and auto insurance which are commodity products

fundamentally, but they spend an enormous amount of time regulating financial solvency, making sure that the policies or the contracts of insurance don't fall outside the boundaries of state law and things of that nature. So it's actually a pretty good model about where to aim your regulatory resources.

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MR. WOOD: Do you qualify the retailers, the creditors that come in here? they have financial and operational expertise? Our standards for that were pretty low in Texas I think, before Donna and Barry Smitherman, they raised them up a bit, because there's 54 different providers in the Houston market so it's not like it really had a deleterious impact. I do think you'll see foundation there as we will in other markets of the country, but in those type of roles, the education role for the Commission was extremely important. We got underfunded on that right in 2003 when we needed it the most, a major error in Texas. Please don't make that here. Keep using the resources of the state to help in a balanced way present the information to customers as a really useful role.

COMMISSIONER HAQUE: So those are some big pictures.

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CHAIRMAN SNITCHLER: If you have one more, one more, because then we can all get through.

Mr. O'Connor, we talked about the concept of generation investment, and I know that we are concerned here in Ohio, especially with potential EPA rules, about the concept of investment and generation. I think it's something we hear pretty frequently. I know that the data shows that a competitive retail market does not yield generation disinvestment, I suppose. Do you have — or does the panel have specific guidance as this market develops to ensure that we do not have a generation investment issue?

MR. O'CONNOR: First of all, your question is exactly the right one at this point in time. Just because we had investment in the past doesn't always mean we'll have it in the future, so you have to look at what the rules of the game are. Now, as Bill Massey pointed out, of course, your utilities are part of PJM and

there is a reliability pricing model and 1 2 capacity auction. And, you know, that's 3 something that I know that you and the staff pay attention to and you participate in in various 4 5 ways with your organization and PJM states. 6 would say that's where the focus ought to be. 7 There's no reason to believe that sitting as a 8 body, hearing a bunch of evidence about a 9 utility wanting to make a particular kind of 10 investment in either scrubbers on the one hand 11 or a new gas-fired plant, let's say, on the 12 other will make any better decision than would 13 be made if that decision-making process was 14 subjected to what falls out of the reliability 15 pricing models. That doesn't mean that the PJM 16 won't change how it does these things because 17 it's been adjusting as time goes on, but I would 18 say that's the place to focus because we have 19 seen that that model has been able to elicit not 2.0 only new generation within the PJM boundaries 2.1 but has actually be attracting capacities from 22 outside the boundaries of PJM. So like most 23 things in life, it's a question of price. And I 24 say that as somebody who is not at all convinced 25 that the reliability of pricing model was the

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way to go when it started but I have been converted.
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MR. MASSEY: The members of the COMPETE Coalition believe that the reliability pricing model in PJM is working fairly well. It's keeping the lights on; it's attracting investment; it's attracting demand resource, and there's continuous effort to perfect it and make it better. I think what you ought to be concerned about in Ohio is perhaps other states. Although well meaning, maybe they'll be those advocating this in Ohio as well, doing what New Jersey and Maryland did, which is thinking they had a problem, choosing favored generators, offering them 15-year contracts and subsidies which has a very deleterious impact on the market. It encourages subsidy-seeking behavior and I think you ought to be very wary of that, you know, in Ohio and across the PJM footprint and fight back, because if other states are doing like what New Jersey did, for example, it's got to have a deleterious impact on the PJM marketplace and ultimately on Ohio because it's going to drive suppliers out of the market.

You want suppliers to believe that

the market is structured so that they can come into the market, take a reasonable risk, and make money in their business. And so you need, as I said, to state your philosophy, tell the market you're going to stick with it, this is what you're are going to do. They won't invest if they think Ohio is going to turn back next year or two years from now or three years from now. They're not going to make investments, so they need some level of reasonable certainty; this is the way we're going, this is the way the market is going to look. We can invest here and make a reasonable return.

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MR. WOOD: Do you all have a responsibility over the siting of generation here? Because that's one area, and I have not heard this has ever been a problem in Ohio, I'm just saying generically. We actually removed that from our own or recommended that we no longer do that in '95 when I first got on the Commission, so that all you need is the permit from the environmental agency for your air, water, or soil impact, and then landowner consent, and then interconnection with the utility which was, of course, standard. That

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ease of entry for generation certainly is one issue that, as I know from my experiences in California, it can be dramatically different depending on the state. So I haven't heard, again, that this has ever been an issue with generators in Ohio, but I would just be mindful of that as you all move to disaggregate and divest in generation.
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CHAIRMAN SNITCHLER: Thank you.

We'll discuss the benefits of the Ohio Power

Siting Board for a later discussion.

Commissioner Trombold, with that, we'll turn it over to you.

COMMISSIONER TROMBOLD: Thank you,
Mr. Chairman. Mr. Wood, you said a phrase that
keeps running through my head, your analogy of
pioneers get shot and settlers get land and be a
settler. And you talked about that, I think, in
the context of setting protocols with other
states. Could you talk about, are there any
other things you or the panelists think we
should do to be settlers in this case?

MR. WOOD: Well, I mean, I listed a
few. One is how to move into the fully

disaggregated business. I think you all have

actually been pioneers, at least with Illinois or the midwest, have been pioneers on thoughtful ways to move quickly from a fully-integrated market to a more disaggregated, chunked-up one on the retail side with things like EDI, using the consolidated bill, et cetera. But I think there are other examples; again, Texas probably being one good one; other industries, I think natural gas in Georgia, those type of things, where you have got the full migration to direct relationship between the retailer and the customer. So that to me, that structural remedy solves a lot of ills. Again, you're all close to this, closer than I certainly am. If you don't think you need to do that in Ohio, don't; but I do sense from reading comments and your docket and et cetera, that everybody knows that the end game is going to be the wireless business out of serving customers at retail; they're out of the generation business already so far it looks like. They're going to be stand-alone in this state even though they may have affiliates in other states that are vertically integrated.

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You're going to have to deal with

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     those cost allocation issues, but that's one
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     thing regulators can do right is allocate
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     overhead cost, and utilities uniformally don't
      like the way you do it but it can be done.
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     That's a settler thing. I think other states
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     have figured out how to do that and learned and
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      spent the money and done the hard lessons.
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     poach from them like we did on poaching the day
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     two market design at ERCOT from PJM. It took
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     eight years to poach, that's a pretty slow
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     poach, but they finally did it and did the nodal
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     market down in Texas by copying a lot of what
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     you have up here. So again, I kind of encourage
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     everybody to learn from other people's mistakes.
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     But to me it seems like your transitions have
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      all been that way. Commissioner, it doesn't
      seem like -- I mean, you work within your
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      statute, but I would say to me those are
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      squeezing around major principles that are
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     common to other neighboring states, so the more
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     you all can stay engaged with what they're doing
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     next door in Pennsylvania and what they're doing
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     in Illinois, learn from what they did here.
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     learned from Pennsylvania about the
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     Price-to-Compare. It didn't have a little
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rachet to reflect that gas is volatile. Well, we stuck that in ours and it saved the state but they were stuck with it and their competitive market got pushed off for about five years because it was a hard freeze. So little things like that you just learn on the edge by just being alert.

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And I honestly can't recommend specific ones to you but I think you will know them when you see them. You all seem to be very hands-on here and the people in this room, I know, are pretty — they're not too shy. So I expect you will know what those are and I'm sorry I don't have a longer list of recommended settler items. I'll think about it and send an E-mail.

MR. MASSEY: In the Arizona debates recently, incumbents pointed to California and said look what happened when they deregulated in California, and so they were trying to scare the Commission. I think what that overlooks is there has been a lot of learning over the past 13 years about how to do this and do it well. You have got other states, as Pat points out, you got other states you can look to. Each

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a chronology of changes that states adopt, some fundamental ones, and then progressively more down in the weeds. So there is a lot of learning about how to structure retail markets and wholesale markets, for that matter, to achieve maximum customer value. Take advantage of that learning from around the country is my recommendation. Do it your own way because you've got your own unique statute and your own unique perspective, but learn from what's happening in other states that have gone before you and have gotten some of the bugs out.
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MR. O'CONNOR: And just to beat the analogy to death, you know, you're well into the settler phase here. If your decision is whether to keep adding on to the log cabin or to send away to Sears for a nice clapboard home kit, you know.

MR. MASSEY: Can I quote you on that?

COMMISSIONER TROMBOLD: Thank you,

Mr. Chairman.

23 CHAIRMAN SNITCHLER: Commissioner

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25 COMMISSIONER LESSER: How are you?

Thanks again for coming. My first question is investment generation. If you look at the performance standards for new coal plants, it's going to require sequestration. If you take a look at the investment in nuclear, well, my question is how do you, without going to a 20-year out capacity including CWIP, how do you get nuclear or new coal built in a reconstructed state? And when I say built I mean financed.

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MR. WOOD: Well, when you're sitting on top of, you know, 20 years of CGAP and I'm not sure of the fact whether it has long pay-out curves and short pay-out curves, and Todd knows a lot more about this probably than I do, but.

COMMISSIONER LESSER: Well, let's suppose the gas will not meet future carbon and/or greenhouse gas emission standards.

MR. WOOD: Well, then you all better head off that change to your environmental statutes. I mean, if you don't have gas, you don't have nuclear; nuclear is probably, I guess, of the three the only one that would work. I mean, sequestered coal, I'm thinking, is way down the road. I know AEP is trying it here, has tried it here. I just don't see that

that's really within the realm of reason in this gas price environment that we got for the next ten years. And I honestly, Commissioner, I don't sense that any reasonable federal policy is going to exclude or discourage gas at all in light of what we have gotten despite what may come out of the environment and will never be enacted at all. We will not have an anti-gas approach for probably our professional lifetime.

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So I can answer that in the abstract about what you could do to make a nuclear plant go into thin rate and that would be to figure a competitive market regime here. And you do have one that's sturdy and solid here in PJM and it's being edited and modified over time because they were the pioneers on this one so they're going to have to take some bullets, but I think gas future is very likely here. I think your next round of investment in Ohio is going to be exclusively gas. If you can get some wind in there, I think your statute requires a little bit of that as well.

MR. MASSEY: You know, my perspective and COMPETE's perspective is in the future you're going to be looking at a variety of

resources to meet the need. You're probably going to be facing an era of fairly flat demand which provides some good opportunities and the shale gas revolution provides some wonderful opportunities for you because as Pat points out the marginal cost of the next unit is now below the rolled-in rate. It's the same way at FERC when we did Order 888. The marginal cost for the next unit was down here, and the average rolled-in rate was up here so it made sense to move to market. You've got to sort of seize the day and do it when you can get it done politically. It makes the most sense.

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But what you want is a variety of resources to meet the needs of consumers. You want consumers to tell suppliers what they want, and for that to drive up investment. And in our view the best way to do that is an open market with a level playing field so that all resources can come in and serve as customers. What kind of generation will they choose to bill? I don't know. My hunch is natural gas is becoming fuel of choice. There will also be renewables.

There will be demand resources coming into an open level playing field market. Lots of ways

to meet these needs.

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Also under Section 111(d) of the Clean Air Act, the door, I hope, is open for EPA to work with the states under Section 111(d), it is a federal-state partnership, to give the states a good deal of flexibility about how to meet whatever caps are existing for a generation are in place. You might be able to meet those caps through demand response, efficiency products, renewables, a whole host of technologies that can come into an open market and meet your needs with respect to emissions reductions going forward.

MR. O'CONNOR: My focus on this, and let me go back to the answer I gave Commissioner Haque, which is to focus in on what's changed in information in our world. It's all around pricing, I think, and the two things we're seeing is that we'll probably see the length of forward and future market price signals in gas lengthen out a bit, so it's going to gradually go out father and farther and farther. And the other thing is we'll probably see capacity markets as they mature, go out a little bit farther and farther, so that they are, to some

degree, coincident with the various capacity alternatives that are out there technologically and environmental from a regulatory standpoint.

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No I think it is fair to say we're not going to be seeing coal plants, new ones for quite sometime, you know, both because of the impending types of regulations as well as technology. On the other hand, if we look at gas, I mean, you have this talk about up-ending the world. I mean, gas prices are actually lower now in the northeast than they are at Henry Hub, you know, because of the glut. Now, that will resolve itself over time with more piping and the like so you have more of a national price. So I think it's really the price signals that will let us figure out how to do a lot of these things.

And we must not discount the value that's going to come from things like advanced metering where the price signals to customers for adjusting their utilization at a given point in time will change significantly. And I think it will change things such as the termination issues. People are going to be able to prepay.

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They'll get a discount for prepaying electricity bills. It's going to reduce cost to turn off and turn on and so forth.
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So one of the things you have to be mindful of as we make these rules of the game and structure is you just have to realize that we don't want to make them so detailed that the changes in technology and the availability of information will lose the value of those things because we had rules that are so detailed we'll always be about two years behind the developments in the marketplace.

COMMISSIONER LESSER: Phil, I assume you're an opt-out-go-back from the City of Chicago?

MR. O'CONNOR: Yes. Actually, in our house we went to a bilateral contract before the municipalization. We stayed with it.

COMMISSIONER LESSER: Okay. It seems like I was hearing a general tone that government aggregation does have a place in competitive markets. Is that the general feeling of the panelists?

MR. O'CONNOR: I have no problem with it at all. I think it actually eases the

residential and small customers into the marketplace so they begin to take for granted the reality that this commodity is priced in the marketplace.

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MR. WOOD: It's one we considered and chose not to do because we went kind of to the Big Bang model, but it seems to me from the experiences in Illinois particularly and what I have heard about and read here, that that was a very thoughtful way to migrate away from the incumbency of the century-old utility. I think the only caution would be you don't want to recreate little subincumbents by these structures. They need to be a pathway toward ultimate totally open markets. But as long as customers have the choice and they're educated about what their choice means, they're the people who we're doing this for. So if they like being a part of the team in their city or town, that's their call, but just avoid creating little subbureaucracies that swipe away the value to customers to have a choice, in other words, that cost too much.

MR. MASSEY: The COMPETE Coalition doesn't have a specific position on municipal

aggregation but I would say what we favor is maximum customer choice. Let the customers tell you what they want.

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COMMISSIONER LESSER: Okav. Speaking of customers, as we move into the reconstructed market and let's say we're getting, whether through Big Bang or through our transition, it's what happens next. You talked about recreation of incumbents, you get market power occurring, preditory practices, discriminatory. If you're moving, though, into a fully competitive market do you believe that these regulations, whether it's a market power or a consumer, should they stay at a PUC, or like you said, Pat, you move siting out. Is this something that should some of these regulations be moving outside of the agency or are they best left within the old regulatory regime?

MR. WOOD: If they're oversight of the wholesale market, they're at FERC and PJM, but you all through ORMET-- or not ORMET but the PJM stakeholders.

COMMISSIONER LESSER: OPSB.

MR. WOOD: Through that group clearly have an eyesight into what's going on there. I

don't know that there's a lot of legal room to add to that here or if you'd want to, but I think certainly I have never seen an RTO that didn't respond to a cranky state when they had issues that they knew need to be addressed.

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COMMISSIONER LESSER: I'm talking about more retail.

MR. WOOD: Correct. On the retail side, retail market power issues have just not popped up. They could. If you have a huge reaggregation going on, a lot of mergers or et cetera going on, you might want to reserve for yourself the ability to look at that. There's a broad statute under market power in the Texas statute that we put in there in '99 that would allow that to be looked at. It has not been triggered at all. In the 56 providers in Houston, the largest being the historic incumbent having now less than 50 percent of the mass market residential, it's not really triggered any sort of national HHI; or nobody with any sort of common sense, nobody with any common sense would think that there's a market power going on. And keep various entries low, keep various entries low but not so low that

you get bottom crawlers, but low, then you can keep a robust market going there, and again that governs itself and will preclude a lot of this other need for the litany of those five items that you just laid out, Commissioner, but it doesn't mean that they can't pop up in the future, so therefore statute probably ought to have the ability for that to be resurrected, but you don't want to have it be there on front and center so that you scare people off but you do need them.

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I think in a market you've got to have pretty wide numbers to allow things to happen and be responsive but not overly responsive in a way that squelches competitive ideas.

MR. O'CONNOR: I'd just say supply pricing becomes much more market based both here and elsewhere, and I think also that delivery rate regulation will gravitate toward more in the way of formula ratemaking. And I think I would bet that 20 years from now, when you're all done, you will have something that looks more like the insurance department. You'll probably have a single head of the agency. Then

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you all feel like you might not be the only one.
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CHAIRMAN SNITCHLER: Don't we now.

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MR. O'CONNOR: Right. And you're going to spend, the agency will spend much more time looking at financial issues and customer fairness issues, things of that nature, and really big and pending issues such as cyber security in the electrical system which is a huge issue, which is so bizarre because everyone classes it as a national security issue, and yet it's the only national security issue that resides, for the most part, with the states and with private companies and yet we don't have a very good way of dealing with that yet. So those things are going to evolve what it is these agencies do.

COMMISSIONER LESSER: I better be done.

CHAIRMAN SNITCHLER: In the interest of time, I'll just keep my questions to a couple, but because you have answered a couple of things that I had thought we would end up discussing you have answered fairly clearly. You have each kind of addressed the ESP-MRO question and said you either fish or cut bait.

At this point you decide what you want to do and that would require a legislative fix in Ohio.

But clearly you have viewed the market as ready for that type of a decision to exist.

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Pat, I guess the first question I have is for you. We talked a little bit about economic growth and I think you say that's part of what we do here is be an economic growth engine. Texas has had a resoundingly strong, long period of economic growth and you've done so without the existence of subsidies or what we would call reasonable rate arrangements as they were authorized in 2008.

I'm curious for your thoughts on whether or not continued use of subsidies or reasonable rate arrangements is an appropriate mechanism in a competitive marketplace, or if Texas's example is the one to follow which said we're not going to use those and yet you have had robust economic growth for the better part of 20 years consecutively. So your thoughts.

MR. WOOD: Challenging issue. My hardest vote is my personal which was to, and I got a second vote for it although they were surprised it came, but we would not do special

contract rates in the Houston ship channel which is a huge industrial area in the country, that we would not do that. I said you either do retail competition or I'm not going to do that. But if you want to do let the big dogs eat, then all dogs get to eat, so there's a real popular feeling, which I feel was probably pretty common in this state as well, that if you got to cut a deal for a big guy, how come all the little guys and girls can't get it too? So that's kind of what drove our philosophy there which was if it's good for one, it's good for all. So we did have subsidized rates.

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I think Phil may have pointed out
that the commercial — the industrial, it's in
their interest to pay the money to have people
sitting in the chamber. Consumers are
represented by both, I guess, Commission staff
and by public counsel. They're well
represented. The guys not in the room are the
folks in the middle who are the commercials who
get everything shluffed on top of them. They
were delighted to have competitive markets,
obviously. But industrials were as well because
they wanted that freedom to co-generate, do

things with their power.

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But the special contract prices that were basically done at the cost of somebody else's payment, if the legislature wants to enable that, do that in a transparency way through public money, that can be done, but to bury it inside rates, we're past that. This is all about transparency and unbundling. So the wireless costs are large costs, and if the large industrial customer can obtain a good generation rate from his or her direct negotiation with the supplier, good luck. If they want to build their own generation, have some co-generation, they're offered a demand response market, that's where our industrials have really cleaned the clock. The ability to play in that relatively ungrown demand market in Texas is way behind what you have here in PJM. But even in that market you can get a lot of value back and keep your costs down.

So again, market gives you so many more tools to manage cost but one tool it doesn't give you is the ability to go in somebody's else's pocket and take the money away from them. That's over. and I would recommend

that it be over here as well. That doesn't serve anybody well.

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MR. O'CONNOR: The thing about special contract rates is they only mean one of two things: either the overall regulated rates are too high or the rate design in that context is out of whack; or if you're at market rates, that means you're levying a tax on everybody else's market rate. This is the reality.

MR. MASSEY: I mean, our view is customers are best served if you do your best to create a level playing field where all resources can come in. You're like the Iphone with all the apps coming in to compete on this level playing field, this platform that you have created, and in the long-term that will achieve the most customer value.

CHAIRMAN SNITCHLER: Great. Well, I have probably a longer list of questions that would take us another hour to go through. In the interest of both your time and the rest of our agenda, I'm going to hold my questions although I may yet submit some of them to you in writing. If you'd be willing to respond to them that way, I think that would perhaps be helpful.

So I want to thank you for presenting this morning. This has been very helpful from my perspective. It's given us a window on what's going on around the country and what the views are from members and utilities in general. And Dr. O'Connor, I didn't realize that you and I had quite as much in common as we do given that my prior life before becoming a lawyer was in the insurance industry and I have the CPCU and CIC designations, or used to, and seeing you as a former Illinois Director of Insurance —

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MR. O'CONNOR: It's a very dubious distinction.

CHAIRMAN SNITCHLER: -- I think we could bore people to tears. So we'll try not to do that today. So thank you for that and I will ask Holly Karg, our Director of our Office of Public Affairs, if she would make her way to the front so that she can give her presentation and I will not restrict your time, Holly. You can go over if you need to based on our calendar, so that we can talk a little bit about consumer education and what the Office of Public Affairs has been doing and where we are headed in 2014

and beyond, so thank you again to the panelists. It's very much appreciated. And Holly, I can assure you, you may get questions.

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MS. KARG: Okay. Chairman,
Commissioners, thank you for this opportunity to
present before you today. Recognizing the need
for more focused and frequent consumer education
on the issue of electric and natural gas choice,
the Commission created the Office of Retail
Competition in 2012. The Office of Retail
Competition is housed within the Office of
Public Affairs and consists of a chief and three
public information officers. The team was
originally made up of four public information
officers.

Our current structure is we have divided the state within three territories. When we originally started a little over a year ago we had four territories.

The original four public information officers joined the PUCO in July of last year. They immediately embarked on a very lengthy and focused training, and within a month they were on the road talking with and presenting to groups and individuals all across the State of

Ohio.

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I'm going to spend the next several minutes updating you on the progress of our consumer education outreach efforts, and I'll end with a sneak peak at our soon-to-be-released energy choice consumer information web site. The first year of the Office of Retail Competition was a huge Within the first 15 months our public success. information officers conducted 698 presentations and meetings focused on educating Ohioans about electric and natural gas choice. The audiences for these presentations are very broad. Our team reaches out to and presents to all sorts of Our team regularly presents to senior citizen groups, veterans groups, local churches and jobs and family services groups, from local chambers of commerce to farm bureau groups. They have even engaged in all sorts of earned media from print, radio and several on-air discussions through public access television programs.

The Office of Retail Competition team has presented during city council meetings, at community action agencies and as keynote

speakers for networking breakfasts. In addition to the many groups across the state that our public information officers present to, they also put on self-generated workshops. Usually they reserve space free of charge at a local library. Some of these workshops have resulted in standing-room-only crowds.

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In the first five years -- or in the first year of the Office of Retail Competition we visited all 88 counties, many of those counties multiple times. Our team has traveled over 95,000 miles across the state talking with thousands of Ohioans about energy choice, what they need to know and be aware of, and where to find more information to compare offers and feel confident in making a choice that is best for them, their household and business.

A moment ago I mentioned that since the inception of the Office of Retail

Competition in July of 2012, our public information officers have delivered 698 presentations about electric and natural gas choice. To put that into context I took stock of some historical numbers regarding outreach activity of the Commission as a whole over the

last couple of years. In 2011 the PUCO conducted or participated in 157 outreach events. Of that 157 total, only four were related to electric or natural gas choice. the first six months of 2012, before the launch of the Office of Retail Competition, only three presentations were conducted regarding energy choice. For the entire year of 2012, excluding the Office of Retail Competition's outreach efforts, the PUCO outreach activities totaled In contrast, in the second half of 2012, in the first six months of the start of the Office of Retail Competition, our public information officers conducted 292 presentations regarding energy choice in Ohio. I give you these figures in order that you not only see the impact we've made in educating Ohioans about energy choice, but to demonstrate the enormous increase of the presence PUCO has across the state.

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I am sure it comes as no surprise, however, that while our representatives show up to each event to present and educate on energy choice, they field all sorts of questions from all the attendees, and they regularly bring back

consumer concerns and questions to the

Commission and are very diligent about following
up with these individuals to ensure they receive
answers to the questions that they have asked
and the appropriate assistance needed. While
the focus of these presentations is to educate
energy consumers on what electric and national
gas choice is in Ohio, providing them with tools
to help make the best choice for their
individual needs is our top priority.

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Shown here are a couple examples of printed materials that we leave behind and we give at our presentations. Chairman and Commissioners, you have hard copies of each of these in the folders that I put together for you. With the printed material, we continue to focus on ensuring consumers are informed about what energy choice is and that information they have at hand will help them when they're comparing their offers or receiving advertisements from different suppliers.

Additionally, we're almost ready to launch our new web site which focuses solely on electric and natural gas choice in Ohio. The main objective of this new web site is to

1 educate consumers about energy choice in Ohio. 2 We have purposely dedicated page after page of 3 this site to information about or related to energy choice. As you can see in this 4 5 screenshot of the footer which is accessible on 6 every page for ease of navigation, the topics we cover are focused on consumer education. For 7 8 example, refer to the section titled About 9 Choice. Within that section, the consumer will 10 learn about what energy choice is in Ohio and 11 how it came about. Under this section you will 12 also find information pertaining to aggregation, 13 what aggregation is, what the difference is 14 between opt-in and opt-out, and what the 15 consumer is responsible for knowing such as 16 deadlines and such to opt-out. We also have 17 included links to the PUCO's information 18 regarding electric and natural gas consumers, 19 civil rights, along with information on how to 2.0 save energy, how to file consumer complaints, 2.1 and an interactive forum to request one of our 22 public information officers to come and be a 23 speaker. 2.4 Two sections that we expect to 25 garnish a lot of attention are FAQs and our

guidelines on what to ask suppliers before signing a contract. These recourses are easily accessible throughout the site as we have placed this helpful recourses box on just about every page.

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And lastly, our revamped and much improved Apples-to-Apples comparison charts. While the site is not yet 100 percent live, I cannot give you a click-through demonstration at this time, however, I can share with you the highlights of the new offer comparison chart. We have created a filtering system that allows users to specify in more detail the offers they would like to be able to compare. Additionally, as the retail market continues to grow and evolve, we anticipate more offers being made to consumers. In an attempt to help consumers pare down the list of what they would like to compare, we created an option that allows users to select various offers as they browse the chart and then populate just those offers to compare.

Our new web site offers comparison charts for both residential and small commercial consumers while offering a listing of suppliers

in Ohio serving large commercial and industrial consumers as well. We have simplified the charts, keeping the electric and natural gas charts uniform, clean, and easier to read.

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In closing, I acknowledge that I am sure the enhancements of the Apples—to—Apples charts are likely to get a lot of attention and praise. As we prepare to go live with the new web site, it is important to point out that the energy choice Ohio web site is about educating consumers, ensuring that they have as much information as possible to help them make choices that are best for them regarding their electric or natural gas supply, and we built it in such a way that as changes occur in the competitive market we can change existing information or add new information to be sure consumers always have a go—to source.

So we have created both the Office of Retail Competition and this new web site solely to focus on education outreach about energy choice in Ohio. Thank you

CHAIRMAN SNITCHLER: Thank you,
Holly. Commissioner Haque, I guess we'll resume
the same order of questions and I will encourage

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you to be mindful you have about a minute.
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COMMISSIONER HAQUE: Holly, what does the rollout in terms of the time frame for the web site look like right now?

MS. KARG: We should have a live web site within the next 30 to 45 days.

COMMISSIONER HAQUE: Is there any, and maybe the question is do we have money with respect to testing of just the consumer base, is that going to occur or, I guess, has that occurred internally?

MS. KARG: Yes. We've had a lot of testing internally and there will be a period of time, the suppliers will have time to enter their offers live and then we will internally continue testing.

 $\label{eq:commissioner} \mbox{COMMISSIONER HAQUE: She just} \\ \mbox{answered my third question. I'm done.}$

CHAIRMAN SNITCHLER: Excellent.

Commissioner Haque, I think it's important for you and everyone to know that perhaps the timing of our rollout was fortuitous given the rather unpleasant rollout of another large web site that is still going through some testing issues and other things. We have tried to forestall

issues of that nature.

COMMISSIONER HAQUE: I wasn't

3 | pressuring her; just general public information.

CHAIRMAN SNITCHLER: Commissioner

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thanks. I appreciate all the hard work of you and your team in getting all this going and getting out there in the state and talking with people. I was just curious, is there -- I know you have FAQs that talk about the questions you probably hear the most on the road, but is there any theme or what kinds of questions do you typically hear the most that's out there that you need to educate, that you need to educate more on?

MS. KARG: I touched on the two we get the most, the two concerns we get the most in our presentations. One is there's confusion on aggregation as more communities are voting to aggregate, so we make sure we always provide information on that. But the second is just they don't know where to go to compare offers or whether of not the offer they're receiving is legit. So we're making sure that they have a

go-to source which is also part of the reason we created a different web site as opposed to just updating charts on our PUCO web site. We wanted to provide them with a place to go that they'll find all the information that they need and not be confused by other things.

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CHAIRMAN TROMBOLD: Thank you.

COMMISSIONER LESSER: Holly, could you also just explain how this all feeds into the bill format to make it easier for customers to be able to go to Apples and Apples and be able to understand what's on their bill in a comparison of the Apples and Apples?

MS. KARG: Yeah. So our public information officers always take samples of bills and they go over it with the consumers there. As time has gone on and word has got out more people show up with their bills to ask our public information officers what exactly they need to be looking for; what is it that they're comparing.

CHAIRMAN SNITCHLER: And I'll follow up with my own comment, not a question, which is why those who may have been troubled by my request that we look at standardized formatting

1 on bills would understand why that request may 2 have been made. It's not to inconvenience you, 3 it's simply to make sure that the consumer experience is more easily understandable. 4 5 based on the comments from our first panelists 6 it seems that a regional approach addressing some of those questions might allow for a 7 8 one-time expense to be incurred, to then have a platform under which utilities could operate 10 across their footprint, and so perhaps that's 11 one of the things that we may be able to take 12 away from this discussion today. Commissioner 1.3 Haque, I saw you reach for your microphone. 14 COMMISSIONER HAOUE: No. 15 CHAIRMAN SNITCHLER: All right. 16 Holly, with that, I'm not going to trouble you 17 with another question. I will thank you 18

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publicly as I have tried to do privately. Holly has done an enormous amount of lifting on this project. I kind of set it in her lap and said this is what I would like and go, and she has done a masterful job of managing resources, time, and staff both internal and external, and I could not be more pleased with where we are and I'm delighted with where we're going to be

when we make this rollout and I think the public and the users, both utility, CRES suppliers, and others, will find that this is a useful tool that all will come to appreciate after they have had a chance to work with it. So Holly, thank you very much for your effort.

With that we will recess until 1:30 when the regularly-scheduled Commission meeting will take place and then we will resume our retail markets information panel discussion at approximately 1:45, 2:00. Thank you.

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Thereupon, at 12:15 p.m. a lunch recess was taken until 1:45 p.m.

Armstrong & Okey, Inc., Columbus, Ohio (614) 224-9481

Wednesday Afternoon Session, December 11, 2013.

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CHAIRMAN SNITCHLER: Welcome back.

It appears that we have completed our administrative duties and we have the required Commissioners and staff present so with that, the Court Reporter is at her station and I think we are ready to go. So we apologize for starting a few minutes late. That will not infringe on your time. We'll just move everyone back 15 minutes or so if we have to. I don't think that will inconvenience anyone too greatly and if it will, I apologize but that's how we're going do it.

So with that, the next panel today is dealing with customer enrollment options and we have three participants on our panel, as you'll see three or four on all of our panels going forward, and we've done that with a deliberate intent to get a broad perspective and to get different points of view on the questions that have been raised and to elucidate for the Commissioners what some of the sticking points are or things that are at a point for a decision

to be made or where things are going well. We certainly want to hear those also. As I mentioned this morning we don't want to unintentionally make things more complicated or hinder what is a working piece of operation here at the Commission.

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So with that we have Theresa Rigenbach from Direct Energy. We have Michele, and I'm going to absolutely get it wrong because that's just the way it is so I'll let you give your last name, from AEP who's here on behalf of the EDU; and Jim Williams who is here from the Office of the Ohio Consumers' Counsel. And so with that, I don't know if you have pre-arranged with a coin flip or otherwise done rock-paper-scissors but it looks like Theresa is first. So with that, Theresa, I will turn the floor over to you and I will offer a reminder to the panelists that unlike the morning sessions where we had a rather significant amount of time, which turned out not to be near as much as I hoped, this will be more like a hot bench, so if questions come up from any of the Commissioners they are not even going to look to me, they're going to stop you and ask questions

as appropriate. So don't be put off if they do that, but we will make sure that each of the three of you have the opportunity to deliver the comments that you want to deliver, but be prepared for questions. Ready to go.

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MS. RIGENBACH: Well, first of all, thank you to the Chairman and the Commissioners not only for the opportunity to present today but also for the workshop. Just broadly, overall, I think all the suppliers, the OCC, and the utilities have learned a lot from each other, including some things that we didn't even know existed, in these workshops so it was a great way for all of us to learn a little bit more about ways to handle our business better.

My presentation today is really going to focus on enroll from your wallet. While I appreciate Pat Wood's comment about putting something in his wallet, frankly I have a lot in my wallet and I'm kind of the George Costanza of wallets right now. So ultimately what we'd really like to do is allow customers to enroll without having to seek out a 20-digit account number or under existing rules contact the utility first to give the utility permission.

CHAIRMAN SNITCHLER: Theresa, if I could jump in with just a quick question as you That's a great stepping-off point for start. If we're looking at the state switching numbers already, are we a solution in search for a problem, or do you see this as a future step that we ought to address now before things get too complicated because we've got fairly substantial switching and we don't have an enroll from your wallet procedure today, or certainly not one that you would say is your recommendation. So I'm curious to know is this a current issue or are you doing some three to five year down-the-road issue to make sure that there aren't hiccups in the future? MS. RIGENBACH: I would say it's

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MS. RIGENBACH: I would say it's both. One, I would argue that the reason we have such large amount of switching is because of opt-out aggregation which does not require the customer to give their account number. So I would say there's a solution that exists that has contributed to a large amount of switching that doesn't require account numbers today.

In addition to that, we're looking down the road. Ohio has become a very

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competitive market and from a supplier's
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     perspective we're not only just --
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                 COMMISSIONER LESSER:
                                       Theresa, a
      quick question. I'm sorry. If somebody
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     terminates and leaves the government aggregation
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     to switch, do they need that number?
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                 MS. RIGENBACH:
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                 COMMISSIONER LESSER: So it's just
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     the original movement into the Gov Ag that
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     doesn't require it?
                 MS. RIGENBACH: Yes.
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                                       So under
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     opt-out government aggregation you need
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     permission to give that chosen supplier the
     customers' account numbers. You threw me off
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     for a minute. So from that perspective today,
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     outside of opt-out aggregation, another way a
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     customer can enroll without their account number
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      is to contact the utility and say I want to
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     enroll with Direct Energy and give the utility
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     written confirmation of that and then the
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      supplier can go to the utility. So it's
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     basically a step in between. What we would like
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     to do is change that and allow the customer to
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     give their supplier the authority, and I think
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     that's key. We're not suggesting anything here
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that doesn't have the customer affirmatively consenting to the supplier saying I give you permission to either look up or enroll me without my account number. So that would be part of the normal enrollment process and would require that consent.

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So the next question is how do we go about doing that? And Direct Energy, through the workshops, has put forward three different options. One was something we could do immediately and that's already done in Pennsylvania, which is add the customer's account number to the customer lists that are produced at the utility. This is an easy and immediate solution. However, the one sticking point with this is not all customers are on that customer list. Remember, customers have the option, to avoid getting a bunch of mailers and phone calls, to opt off of that customer enrollment list, which means someone could come to me and say I want to enroll. I don't have my account number. I don't want to deal with going and looking it up. You do need permission to do that. I go back and try to pull up that customer list but they're not on there, which

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means I have to go back to the customer again and say, well, it's not on there, go find your account number. And more likely the customer will say I don't want to deal with you and just go away.
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Another solution was something that again Pat Wood didn't bring up but in Texas there's actually a web site and we as a supplier can look you up. So by having your name and your address we can actually --

CHAIRMAN SNITCHLER: Who administers that web site?

MS. RIGENBACH: It's ERCOT.

replicable here in Ohio because we're not a single state RTO, or is that, as Pat indicated on some other things, just because they happened to be the last one to leave the table they got assigned the obligation?

MS. RIGENBACH: I think because in Texas everything runs through ERCOT. I don't think it's impossible.

CHAIRMAN SNITCHLER: Who pays?

MS. RIGENBACH: I believe it was

billed by a customers' funding app but don't

quote me on that. I can look it up for you.

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CHAIRMAN SNITCHLER: Okay. Cost, relative cost, do you know about what it cost to construct and continue to operate?

MS. RIGENBACH: I don't know.

CHAIRMAN SNITCHLER: If you could get that to us, that would be helpful.

MS. RIGENBACH: Okay. The third option that we put forward was actually allowing us to submit the EDI enrollment with the account number blank or some other unique identifier to the customer, whether it was what we all know which is the customer's social security number or something else that they would know. Our preference would be to just leave it blank, submit it to the utility and when the utility sends the enroll to confirm EDI file back, it would be populated with the account number. So those were the three options that were put out there.

The key behind this, which has been presented in different ways, is to allow us to allow the customer to enroll at any time from anywhere. My company, and I'm not representing all companies, I'm representing Direct Energy,

has put forth that this should not be allowed for a door-to-door sale. You're on somebody's doorstep, they likely have their billing or some other information. This is allowed for a lot of other places where a customer could enroll, whether it's a mall kiosk, inside app, or just simply from your phone. Scanning on something, it takes you to our company's web site and you enter your information and you're done.

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Speaking from my own perspective, there's a lot of things that I do that way today and I think there's a lot of customers who do things like that today. They do it through an app or whatever because it's easy when you're sitting at the doctor's office waiting for your turn, wherever you're at, to think, okay, I'm going to take care of this on-line banking, whatever it is, at this point in time because I have the time to do it.

COMMISSIONER HAQUE: Theresa, can I ask you a question about that sort of looking at this from the business logistical perspective.

So when we're talking about enroll with your wallet, so presumably if you enroll via the Internet, then you're probably doing it from

home, probably have your bill in front of you so you got your account number there. Maybe? Maybe not?

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MS. RIGENBACH: I can't tell you how often I actually log onto the Internet from home. I typically do it from my phone while I'm watching an 8-year old go ice skating.

COMMISSIONER HAQUE: Fair enough. That's beside the point that I wanted to make anyway. I think you mentioned sort of carving out the direct door-to-door solicitation from this, okay, and I think in playing the sort of -- and Jim, I'm sure we'll get to you here shortly, but in playing sort of the consumer role, the concern is, is that with potentially increased slamming numbers, stories of slamming, obviously there are penalties that are set forth in the admin code to deal with that but we want to prevent them from the front end, right. so when we're talking about the concept of enroll with your wallet, allay my fears about suppliers sort of, whether it be dishonestly or otherwise obtaining the consent from, you know, grandma and grandpa down the street to enroll with a particular supplier.

MS. RIGENBACH: So there's several ways you can deal with that. First, I would point out that we have had these account numbers dealing with customers in Pennsylvania for a number of years and haven't seen these types of issues.

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Second, I would say there are actual companies out there who can verify your identity. There's credit reporting agencies who offer a service that basically would, by taking your name and your address, and I don't know if you've ever done this or not, but they will offer you three questions and three options to each question. So it might be something like one of these addresses where you lived in the past five years, and you answer yes or no to whichever address it was, right. Is this where you were born, right, and it would give you different cities and you have to pick the city. So there's ways to identify people and their identity and confirm that and they are out there as services that could be used through the Internet or through third-party verification over the phone which is another reason why my company would rather not allow this for

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door-to-door sales because we view that we can use these services to verify identity, and therefore, protect us in the event of a slamming complaint.
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COMMISSIONER HAQUE: Okay. And a follow-up, the account number requirement, where does that come from?

MS. RIGENBACH: I have no idea.

COMMISSIONER HAQUE: If you look at the admin code, actually, it's required for, I believe, telephone and Internet, okay. So when we're talking about this concept of requiring the account number, you know, I guess I didn't know if it was a logistical requirement between you guys and the EDUs because, based on my reading, it is not a legal requirement and so that's why for me there was a little confusion in this space.

MS. RIGENBACH: I think there is,
just because the way the market has developed
for EDI right now and the way things are
programmed, there is a requirement. So it would
take some changes to the EDI programming if we
didn't have the look-up ability, right. If we
had the look-up ability, then there's no EDI

changes necessary because we would have the account number and submit our enrollments like we normally do.

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CHAIRMAN SNITCHLER: Michele, do you have a view on that as well? I'm watching the clock to try to make sure we're actually moving down the panel so that everybody gets their opportunity. We scheduled for you so this might be a good time for you to chime in.

MS. JEUNELOT: Well, I think when it comes through from the CRES, we wouldn't know whether it was Internet or door-to-door solicitation so we require, AEP Ohio requires the SDI number not an account number to come through to validate that that customer is a person who is registered and a correct customer to switch and has given them a safeguard piece of information so that customer is not slammed.

COMMISSIONER LESSER: Can I ask a question for both Michele and Theresa. If one of your customers just calls in and they want certain account information, or let's say for Theresa's purposes they want to go from a fixed to a variable plan, what information do you require to identify that that person calling in

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is your customer?
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MS. RIGENBACH: If they're calling in just to switch between accounts, we still ask them to verify their account number with us, whether it's the Direct Energy account number that's printed on their bill or their SDI number, whatever, just to verify that that's the right person so the name and everything will match up. We can reverse that.

COMMISSIONER LESSER: So you do ask for the account number even if they're your own customer?

MS. RIGENBACH: We typically do.

COMMISSIONER LESSER: And Michele?

MS. JEUNELOT: Yeah, we will

typically ask for a name. We could ask for a Social Security number. Not all customers, they're not required to give a Social Security number. We'll ask for an account number, or if they don't have their bill at hand, let's say they have an outage and they're at somebody else's house calling, we may even ask them what the last amount of the last bill was and verify

that person is that person. I believe that to

be accurate, so don't quote me on that, but.

CHAIRMAN SNITCHLER: Michele, if you want to jump in, the floor is yours until we take it away and give it to Jim.

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MS. JEUNELOT: Thank you, Chairman and Commissioners. My name is Michele Jeunelot. My name looks very difficult but it's not. I had to date my husband for three months before he told me how to pronounce it. I'm AEP Ohio's Manager of Regulatory Operations and I want to thank staff for the great job they have done bringing these subcommittee meetings together. They have provided great communication in helping to move things along.

So again, customers are required to provide either an account number or again for AEP Ohio an SDI number, and we feel that's a safeguard for customers so they are not slammed. In one of the subcommittee meetings we did ask staff how many slamming complaints they had, and at that time they weren't aware of any verified slamming complaints in the State of Ohio which, I think, speaks to that protection in place.

We have seen other states where slamming has been an issue with various other causes, but we think that slamming, it gives the customer a bad

feel for choice. It also puts a lot of burden on staff and on the utility if that were to happen. So we feel that, you know, currently the practice used to enroll using an SDI number or account number is something that should be kept in place and actually provides more benefits than, you know — the benefits far outway anything else you get from that.

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COMMISSIONER HAQUE: Can you address the three proposals that Theresa set forth and what AEP's position would be, and I can rattle them off for you.

MS. JEUNELOT: I'll start with the one, if we were to just carte blanche give the account number with the customer information, there may be CRES providers, you know, and they may not even be registered CRES providers in the state, would take that information and start slamming customers. So they would be given everything that they need to go ahead and enroll that customer and, you know, some customers won't even know. They don't open that rescission letter. They think it might be junk mail. They may throw it out and may be switched and not have the opportunity to rescind it. So

I think that doesn't offer a lot of protection.

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CHAIRMAN SNITCHLER: Do you see that as a Commission function then to deal with slamming complaints? We have not dealt with that issue on the electric side because we haven't had active choice really to the degree we have now and where we see we're headed. Is that something you would expect the Commission to be vigilant, and really to carry a bigger stick and not be afraid to use it in the event we saw that type of activity, and if there is a remedy you see for us, what do you see that being?

MS. JEUNELOT: Absolutely. I believe that the Commission, you know, I think the admin code does say that there are consequences to slamming.

CHAIRMAN SNITCHLER: Are they satisfactory or are they not enough to prevent it from happening? Because I agree with you on the concern about a bad shopping experience, and I say that every time I'm asked. Bad shopping experience is bad for what we're trying to do; good shopping experience is helpful.

MS. JEUNELOT: Right.

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CHAIRMAN SNITCHLER: So we want to make sure that doesn't happen.
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MS. JEUNELOT: And so I'll share a story from AEP Ohio's perspective. We have customers and get a lot of calls about slamming complaints where they believe it hasn't been represented -- you know, people will show up at the door wearing AEP Ohio logos and saying that if they want discounts, they'll sign a paper saying okay, I'm to get my discount and they don't know what that means, but the customer did sign for that. Is that slamming or is that not? So we do feel that there are rules in place but they have to be -- you know, I think you have to look at the customer's perspective of what was presented to that customer too, and that's AEP Ohio's perspective.

CHAIRMAN SNITCHLER: Jim, do you have any thoughts on that?

MR. WILLIAMS: Yes. Thank you,
Mr. Chairman, Commissioners. Again, I'd like to
thank both the Commission and the staff for the
different workshops and opportunity to
participate in this case.

What I'd like to add is a couple

different things. We started with the 1 2 discussion of whether or not there's really a 3 need for enrollment from the wallet concept. I think the high numbers of switching indicate 4 that there's not much need. I think the fact 5 that there hasn't been much slamming indicates 6 7 that the rules as currently structured seem to 8 be working just fine to prevent the slamming. 9 And I would also mention that the Commission 10 rules also have a process for addressing 11 slamming complaints. Use of the account number 12 as being protected information between the 13 customer and the utility that's obtained by the 14 supplier from the customer as part of an 15 enrollment helps ensure the validity of that 16 process in terms of looking into slamming 17 complaints, whether or not there's validity to 18 it, that type of thing. Without the account 19 number, I think that would be a much more 2.0 cumbersome process. It would take a lot more 2.1 time and effort from the Commission, the 22 companies, as well as customers. So again, we 23 sort of see this whole concept as a solution 24 looking for a problem. 25 CHAIRMAN SNITCHLER: Jim, I'll start

with you but I'd like to hear from all three of our panelists. There was some data that was put together as part of workshop that talked about the enrollment error rate and it seemed to be that there was wrong data provided or entered somewhere along the way, and I don't think there was ever really a determination as to where it So is the error rate, if we can track that to the switching rate, are they related in any way, or is this, you know, an operator error where I should have put in 1, 2, 3, 4 and I put in 1, 3, 2, 4 and my fingers were moving faster than my brain was, and that is human error and we may never be able to resolve that. So how do you look at those error rates? It's not slamming, and trying to get to Theresa's issues but also with the utility in the middle and I'm curious for each of your perspectives on how those numbers correlate.

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MR. WILLIAMS: I suspect that the numbers that we talked about at the subcommittee level didn't seem to be that significant to where this again warranted a problem. I suspect that there's always going to be some level of human error. Even if the account number's

available, there still could be errors with other data. So I don't know that that necessarily addresses that issue.

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MS. JEUNELOT: This is Michele

Jeunelot. I believe a lot of things we see as
human error where somebody reads a number off
incorrectly or maybe they just moved and pulled
out their last bill and didn't know that the SDI
number changed with their address, so I think a
lot of it has been human error from what I have
seen.

MS. RIGENBACH: I would agree with Michele. I think part of it also is it's a very long number. I don't know of any utility that has a fairly short number that the customer can quickly verify, whether it's them reading it off to us or the customer actually typing it in somewhere. It's a pretty long number. So while I agree it's human error, I think part of it is also related to the length of the number or finding the right number in order to enter it.

COMMISSIONER HAQUE: So look,
Michele, if I ask you about Theresa's second and
third options, I would imagine that it would be
a combination of slamming concerns and maybe

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logistical issues. Would that be right?
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MS. JEUNELOT: I believe, what was the second and third options?

COMMISSIONER HAQUE: Supplier can look up on the web site, second option. Third option, submit EDI enrollment with the account number blank.

MS. JEUNELOT: You know, I think there's a slight concern with all of them only because I think people see additional slamming complaints from CRES providers who may not be in this room today, that they could take advantage of the system. So we do still have concern over each one of those.

COMMISSIONER HAQUE: So from our perspective, it's a challenge, right?

MS. JEUNELOT: It's a challenge.

COMMISSIONER HAQUE: Everything that we try and do today, right, the response can be we're concerned about slamming. I mean, there's got to be a medium here to both address consumer concerns as well as create robust competitive market with some of this low-hanging fruit that we got today. So of those three options that have been presented, what is the most palatable

to both AEP and the OCC?

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MS. JEUNELOT: So I think for AEP, I think the best one, and I think it was the third-party verification where you have a third party verify that the customer was the one who made the choice, only because that does have the customer having to go and provide that, and he may be on vacation when that rescission letter comes otherwise and missed that window of, hey, what happened here. So for AEP I think that's the most palatable.

COMMISSIONER HAQUE: Having a third party verify the identity of the customer that has signed up?

MS. JEUNELOT: Yes. So if they leave that blank or do try to go out there, it would be a third-party verification on that customer.

COMMISSIONER HAQUE: Jim?

MR. WILLIAMS: Well, I like the current rule as it's structured, Commissioners, and I think that's the appropriate rule.

However, enrollment rules also support third-party verifications, and depending upon the method of enrollment determines the amount

of third party that needs be required. And the third party, there needs to be some level of a third party to make sure that the customer's actually affirming the enrollment.

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CHAIRMAN SNITCHLER: I think,

Michele, if you have more of your prepared

comments, questions seem to have abated for a

moment. Jim, if you have prepared comments that

you want to offer, we've still got time on the

clock, I'm sure questions to follow, but I want

to make sure you've got a chance to do that.

MR. WILLIAMS: Just one thing I would like to add, Mr. Chairman, is that while we talked about the account number today, because customers may not have the bill but there's other venues where they're being marketed by CRES providers, there are very legitimate reasons why customers should have their bill at hand when they're performing enrolling. I mean, after all, the bill is the location where customers have the Price-to-Compare, it's the location where they have the historic and usage information, it's the location where the customers have the rate schedule that they're on, and other information that should be used as

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part of enrolling with the CRES supplier. So I think to the extent that customers don't always have their account number with them, I think that the account number's properly located on the bill and the bill should generally be used by customers when they're performing enrollment.
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CHAIRMAN SNITCHLER: And while I'm sympathetic to your concern that we want to make sure the consumers get what they ask for, ultimately if I'm the consumer and I decide I want to switch and I don't have my account number with me and I made a bad choice, ultimately as the consumer I bear some responsibility of making a bad choice, if I remember my Price-to-Compare wrong. So I think that's where Commissioner Haque, we're trying to figure out where's the breaking line, dividing line between freedom for consumers to engage in commerce and make a good deal or make a bad deal but at the same time not hinder the ability for a supplier to deliver multiple product offerings, and so I think that's really what we're trying to get at.

And my follow-up to that is you have engaged to some degree with Holly's team and

what we're trying to do with our soon-to-be released web site, consumer education, and the ability to look at multiple offers and have a more dynamic rather than a static

Apples-to-Apples chart, do you see -- and you've seen what Texas and Pennsylvania and other states have done. Do you see that as a way to help prevent problems like that from occurring and as a way to facilitate market development, or do you see that as having no value or a detrimental value, and I'd be surprised if you said that but certainly that's an option. And I'll hear all three of you for your view on that.

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MS. JEUNELOT: Well, I think the Apples-to-Apples will help. I think we get a lot of calls. Being a utility who talks to customers, they call us with confusion. They look to us for advice, so I think having that redesigned will help customers and give us -- we send them there now for any questions, so I think it will definitely help.

MS. RIGENBACH: I think that the new web site is beautiful, well laid out. It's not overly filled with too much information like

some other versions in other states. I think
this enroll without your account number could be
added to that because a customer would be able
to side by side check everything and go straight
from there to the provider's web site and
enroll, so they would have a lot of that
information there in front of them and make
their decision and then go straight and enroll
from there.

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MR. WILLIAMS: I believe also the Apples-to-Apples is definitely an improvement, and we shared some different ideas from time to time on ways that it could be enhanced even more, and we continue to welcome the opportunity to work with the Commission and staff to be able to enhance it even more.

COMMISSIONER TROMBOLD: Question. We mentioned Texas and what they used as far as a customer identification number. What do other states use? Is this pretty much — is there any rule of thumb what other states have used or do they typically require the account number like we're talking about here?

MS. RIGENBACH: So in all the other states you have to still have the account

It's whether or not you can get it from someone other than the customer. So if you look at Pennsylvania, it's on their electric customer list that you get from the utility. The account number is printed on there. In Illinois, ComEd, the customer can give you, as the supplier, permission, and then you can get that account number from the utility. So there's different ways that you can get it, and I believe it's one of the utilities in New York has like a version of a look-up function so you can sort of flag into it and get the customer's account number. So in terms of enrollment they all require an account number or a version of an account number, but it's whether or not you as the supplier can get permission from the customer to get it on your own without have to take it from the customer.

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COMMISSIONER TROMBOLD: Are there instances of slamming or are there any statistics that you know of regarding slamming and the extent of it in other states too?

MS. RIGENBACH: I know percentages of slamming in different states but I can't tell

you if it's directly tied, and I did ask if

there was anything statistically directly tied to us obtaining the account number versus just normal ability of people to gather information and slam customers, and there was nothing directly tied to the look-up function.

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COMMISSIONER TROMBOLD: Okay.

COMMISSIONER HAQUE: The 7-day rescission period, a safeguard for potential enrollment without your account number or not enough time?

MS. JEUNELOT: From AEP Ohio's perspective we have had customers who will get that letter when they're on a vacation, they may be on a 14-day cruise and they miss that. I think it is a good protection. I wouldn't want that to go away because there would be an additional protection or maybe a postcard so it's not in a sealed envelope that looks like junk mail. I don't know. There could be something additional put in place for that possibly.

COMMISSIONER LESSER: I'm going to ask a question. Todd and I were just talking and I'm not sure if we're on topic but you seem to be the best panel to ask. Early termination

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fees which is part of enrollment, I would ask
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     you what your opinion is on early termination
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      fees, and specifically in three areas: one, Gov
     Aq; No. 2, variable contracts; and third,
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      fixed-term contracts.
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                 MS. RIGENBACH: You're looking at me,
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      so I'll go first.
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                 COMMISSIONER LESSER:
                                       Yes, I am.
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                 MS. RIGENBACH: Let me say my company
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      is probably not the best one to speak to that
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     because we do not charge them to our small
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     commercial and residential customers. Bigger
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     customers obviously take a lot more power so
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     there's a cashout provision in the contract.
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     have not charged them for the municipal
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     aggregation programs both here or in other
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     states. And at one point we did charge them for
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     residential fixed contracts but we sort of moved
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     away from that just because it wasn't the
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     greatest customer experience.
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                 Slightly off topic but my personal
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     opinion on that --
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                 COMMISSIONER LESSER: That's why I
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      looked at you.
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                 MS. RIGENBACH: -- my mom lives in
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Toledo and she signed up for something and when she tried to switch to my company, she noticed that she had an early termination fee that was quite high and she wasn't happy about it. So it's one of those things that I think could be an impediment to shopping. If we're going to let customers shop and choose, they should be able to do it whenever they want. And if you as a company begin that pricing, that's how you recover that potential for the customer to leave.

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MS. JEUNELOT: I can address this from the complaint side only. We do get complaints on early termination fees. Some customers don't understand what their contract limits are. So if they sign up January 1st, their meter reads on January 5th, they don't actually switch until, let's say, February and they see the twelve months starting the January 1st and they sign up with a new supplier the next January and they get an early termination fee because of that. They don't understand the term limits and when they actually start to when they end, so we do get a lot of complaints on early termination fees from customers.

MR. WILLIAMS: Commissioner, we have filed comments concerning early termination fees in Case 12-1924-EL-ORD, the CRES rules, and the concern about the early termination fees was just, reasonableness, and the disclosure of those early termination fees. But in our comment the concern we had with disclosure was not just the termination fee, but the disclosure of the contract language and the customers properly understanding these contracts, including the termination fees.

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COMMISSIONER LESSER: With the Chairman's permission I would ask that if any CRES providers who are coming up on subsequent panels, if they have different opinions I would ask them to offer it.

CHAIRMAN SNITCHLER: That's fine.

And with that we are at our allotted time even moving forward, and I will reserve the same opportunity that we mentioned to our panel this morning. If there are other questions that remain from the Commissioners that we didn't have time to get to or that come up subsequent to the conclusion of our hearing today, we may submit those to you in writing and ask that you

respond if you have an opinion that you want to share on those and we'll, of course, put that out in the appropriate medium but wanted to make you aware we might ask you to do that. But thank you very much and appreciate your comments.

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With that we're going to change over to our panel on contract portability, and with that we have, it appears, four panelists. We have, I can't believe I'm saying this, Dwayne Pickett from Integrys and RESA who is here, our former staffer, so Dwayne it's good to have you back; Sharon —

MS. NOEWER: Noewer.

CHAIRMAN SNITCHLER: -- Noewer, okay,
I was going to guess that, who will also be on
the panel; Dan Jones who is here from Duke; and
Tad Berger is also here.

MR. BERGER: Berger.

I've got everybody here. So with that, you've seen how we ran through the first panel and I suspect with four of you on this panel and the amount of time we have allotted, you might get out your name before questions start getting

fired at you, but you are welcome to start.

Since we went from left to right before from the dais, Tad, we'll start with you and go the opposite way but I would expect questions to be immediately forthcoming, so have at it.

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MR. BERGER: Thank you, Mr. Chairman, Commissioners. OCC thanks staff, Barb, for organizing the work of this subcommittee and providing the opportunity to discuss these issues with the suppliers and the utilities. There's several questions related to contract portability that are important.

First of all, does it make economic sense to port the contract? One of the utilities, DP& L, told us during the subcommittee that in a typical year they only have approximately 1400 customers that would have a service where you would have essentially what's called a seamless transfer where the customer would be moving from one residence to the next on the same day. If you don't have a seamless transfer, then there's a question whether you really have portability, and so it's a definitional question. If there's interruption of the service or if there's an

overlap of the service, there's a real question as to whether you could actually port a contract.

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In the circumstance of an overlap in particular, it's been noted that you essentially have two services from the same customer at the same time, and therefore, it would be difficult to port the contract because you essentially have two contracts. In the case of interruption of service --

COMMISSIONER LESSER: Could I ask you again, you seem to focus in that the only real seamless one was same day changes of service, and that if there was any interruption or any overlap you're saying that it's not seamless but are you saying that by definition it should not be ported?

MR. BERGER: Well, I think that the definitional issues, especially for interruptions of service, would have to be worked on to determine, well, is it one week or two weeks, or if the customer is not clear at the time they move whether they're moving to a new residence, are they just staying with the parents and that they don't have a forecasted

time when they're going to actually move and are they actually moving into the same service territory, that these are definitional issues that would have to be worked on.

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I think in the case of an overlap, I think there actually is fairly general agreement among the subcommittee participants that, in fact, you can't really have, you can't port a contract when you have two services at the same time. The customer actually has to enter into a new contract at the new residence even though they haven't -- because they haven't moved yet, and they're still receiving electric service at the old residence even when they have already started one at the new residence. So you really can't have it in that circumstance. So yes, I think there's definitional issues that have to be worked on. I'm not saying OCC is not willing to work on those definitional issues and, you know, we tried to talk some of those things out. OCC put a contract portability procedure on the table at the subcommittee that was circulated and we're certainly open to discussion in terms of the context of the interruption issue.

A third issue, of course, is customer 1 2 protection, our customer protection issue. 3 There's a number of customer protection issues. First of all, some of these contracts are fairly 4 5 complex and one of the things that we asked 6 during the course of the workshop is that some of these contracts be reviewed so that there's a 7 8 greater understanding of what they provide, and 9 that the contracts are fairly clear and concise 10 so the customers can see these provisions, so 11 they know what portability is when they sign it. 12 COMMISSIONER TROMBOLD: Excuse me, 13 are you saying in the contract it would speak to 14 portability or not? Is that what you're 15 referring to? I'm not sure I'm following you. 16 MR. BERGER: Yes, Commissioner. 17 Typically, the contracts do address portability 18 if it's provided for. So yes, the contract 19 would have to provide for portability if the 2.0 customer were actually going to be held to a 2.1 responsibility or to an obligation to move their 22 contract should they meet the conditions for a 23 transfer, for a portable contract transfer. 24 COMMISSIONER TROMBOLD: And what if 25 the Commission would choose to have a statewide

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kind of plan regarding portability that would apply everywhere?
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MR. BERGER: I would imagine that that would have to be reflected in the contract terms, so that the customer understood that. I understand that there's a rule about that and if the Commission said that the rule does not have to the set forth in the contract, perhaps that could be binding in the absence of something set forth specifically in the contract.

COMMISSIONER TROMBOLD: And how would OCC feel about a statewide kind of concept of portability that was consistent?

MR. BERGER: Certainly, we proposed a procedure that would be applicable, we think, to all the utilities so we certainly see a procedure being consistent across all the utilities as being beneficial, and that's what we have essentially proposed in this subcommittee.

COMMISSIONER HAQUE: And that procedure is the additional affirmative consent? Is that the gist?

MR. BERGER: Yes. That's the gist of what we have proposed, an informed affirmative

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think it's important to realize it could be six months, a year, it could be five years before a customer moves, and if that provision is in there they may not even recall that they signed up for that provision. They may not recall — they may not know that the terms of their contract have changed because of automatic renewal provisions in the contract. So we think it's important to remind the customer here is what the deal was when you signed up. Here's what your renewal terms have been and what you're paying currently, and they should receive a cover letter with a copy of their contract at the time that they move.
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CHAIRMAN SNITCHLER: We have three suppliers over here. What's your view of both OCC's proposal but also how you're presently handling this and what you see as a workable solution to the portability question? So Dan, I guess if we're moving this way.

MR. JONES: I'm with Duke Energy
Ohio. I'm not a supplier. I do have opinions
but we can wait on those.

CHAIRMAN SNITCHLER: We'll move

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Thank you. I'm Sharon MS. NOEWER: Noewer, Director of Competitive Market Policies for First Energy Solutions. So with respect to OCC's proposal with using EDI as the method, our belief is that a better method for customers in terms of communicating with the customer and making sure that they have the best shopping experience is, when they call the utility regarding their pending move, that they're actually transferred to the supplier that they have existing with them, so there's no worry with respect to EDI, no concern about making sure that anyone tracks what contract portability clause is in any contract. really not necessary if, in fact, when they call the utility they're transferred over to their supplier, and at that point whatever affirmative consent is required, if it is required, it could take effect at that time.

MR. PICKETT: Thank you,
Mr. Chairman, Commissioners. Before I start, I
just wanted to echo the comments of the other
panelists who said really great job and really
appreciate the opportunity to speak to this

panel and echo Pat Wood's comments that you guys definitely are the prettiest girls at the dance.

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I disagree with a lot of the points with OCC's proposal that I think I'll get a chance to address at a later time when I have my prepared remarks but --

CHAIRMAN SNITCHLER: If I were you,
I'd do them now. Time is passing. Take your
opportunity when you can get it.

MR. PICKETT: I'll go ahead and go forward. So the basic difference between RESA and Integrys's proposal and the basic difference between the way we view contract portability is we want to extract the maximum amount of customer benefit. For us, the less we have of phone interactions with a customer, the less we make the customer do, the better that conversation is. So OCC's program has this idea of affirmative consent, and we completely agree that there should be affirmative consent. We just differ on how we view affirmative consent.

The way I view affirmative consent is give the customer an opportunity to think about contract portability. If the customer is

sitting down, they're looking at their contract, and I propose there be even a separate line item where you have to initial or check a box for contract portability, that's your opportunity. You can sit there and think, hey, am I going to move at some point. And if I do, would I like the opportunity, not the obligation but the opportunity to take my contract with me? That's something we should afford our customers.

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With FES's proposal, I think she'll talk about it later, but it's mostly a warm transfer over the phone from supplier to utility. We deal out that same functionality in my proposal but the difference with our proposal is we're not requiring the customer to transfer the information. We're not saying, okay, take down your 20-digit SDI from the utility, carry it over to the phone with your supplier and then transfer that supplier. We think you should make the investment to allow that information communication between utility and the CRES so we're holding the customer harmless.

When we talked about contract portability in the subcommittee I gave a story about when I used to live in downtown Columbus

and my then fiancee and I moved to Reynoldsburg, and it was a nightmare. The groupon got lost, we had to pack things, there was a lot going on and the last thing I wanted to do on that day was take down my SDI number and give it to a supplier. So to me that's what we should definitely look at when we're trying to implement a program, and I think it's worth it if we have to do an FDP file, that utility has to send an E-mail; whatever we have to do to get that new account number, we should do it as long as we have that affirmative consent.

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CHAIRMAN SNITCHLER: I agree with at least part of what everyone has said which is simplicity works best, and I think that will benefit consumers, and I would also agree with what you said, Dwayne, is that people don't want to trip over all kinds of details. And I wonder if we add a provision which requires you to initial a portability provision of a contract, if we're asking John Q. Public to all of a sudden go to law school in order to buy utility service, that, I think, is going in the wrong direction. I think we want to simplify how we do that.

And if I could step back even further, depending on the offer that you may select, I may move from one service territory of a utility to another to the wireless company, and Dan, I'm going to pitch this question to you, I don't much care necessarily where your supply comes from, at least I shouldn't based on our corporate separation rules, so all I care about is knowing that power and a bill needs to be generated from some supplier. So the portability question is not just within one service territory, hey, I moved three streets over. If I lived in Cincinnati and now I'm moving to Cleveland and I want to keep my contract with Integrys, I've gone from a Duke wire to an FE wire at CEI and so how does that impact you as the utility side of the equation not just the supplier side? I guess I'm trying to marry the two together because it's broader than just moving from Akron to Canton or from Akron to, you know, Fairlawn. It could be a much broader question. Otherwise, you're never going to get to speak so I've got to draw you in somehow.

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All right. Well, thank

MR. JONES:

you. I appreciate it. Mr. Chairman,

Commissioners, and staff, once again, I echo the

same appreciation that the others have of

allowing Duke Energy Ohio to be here today to

present its comments and also the workshop you

had here today as well as all the subcommittee

meetings that we've had on various topics.

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You know, with regard to,

Mr. Chairman, with regard to the idea of a
customer, say, moving from Akron to Cincinnati,
they would have to apply with Duke Energy Ohio
to even have an account number. So that would
be the first step that the customer would take
is to get themselves an account number by
applying for service with Duke Energy Ohio.
Once they have that account number, now they're
free to go shopping. Our web site shows all the
suppliers registered in our territory. Your
web site shows the same thing, the prices and so
forth. So I see that as being a little bit
different situation than a contract portability
situation.

If I could speak to the portability we're talking about within Duke Energy Ohio, if I could. I think the simplest way is that the

customer, or actually the supplier, if they needed to know the account number of the new location, now you're asking the utility company to provide that account number of the new location for the customer, and I guess that's my first caution is we got a rule that says the utility company can't do that. You know, I need a signed document from a customer that says I realize that I don't have to sign this and give permission to give out my account number, and there's very specific language in that rule. So we would need that first before we could even release an account number to a supplier. So we do have that, a rule problem there in terms of release of account number.

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COMMISSIONER HAQUE: Where does that rule come from? I should probably know, but I've been on the job for a few months. Tell me where does that come from? Is that from the admin code? I don't think it is.

MR. JONES: It's either in the electric service and safety standards or in the CRES rules, and may have been mentioned in both of those, but yes, there is definitely a rule that requires a utility company to receive

written authorization, that the utility company must hold that authorization. We can't believe a supplier has that authorization. We have to have that in front of us to release the account number. That's current day rule.

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MR. PICKETT: Mr. Chairman, if I could address a couple misnomers, I don't want to get too off track with our discussion. way that RESA and FES too, the way we're trying to accomplish contract portability is add a new enrollment so that rule wouldn't apply. would be the same as you're picking up a new customer. The other thing we said in the subcommittee is that it wouldn't be a seamless move as Tad suggested. We'd have to have one billing cycle in between. We tried a lot. couldn't figure out how we could do exactly a seamless move just within the subcommittee ourselves. It would take a lot more work before we get to that. So it would be one billing cycle back to the utility and then contract port back to the CRES.

COMMISSIONER LESSER: Does your portability involve, your proposal, is it basically by default if the customer initials

that clause in the original contract, or does it require any affirmative act by the customer at the time of the port?

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MR. PICKETT: At the time of the port, the customer would be establishing new service just like they would under the system today. They call the utility. They set up the new service with the utility and then the utility would prompt the transfer and the opportunity to speak with the CRES, just like they would in Sharon's proposal. The only difference between is they could also send in the information.

CHAIRMAN SNITCHLER: The difficulty we have is if you look at the Texas model, ERCOT is the clearinghouse and they could basically switch you over in a matter of a couple hours. Now, we're not in the ERCOT setting, we don't have the same access information that they do and as I think Pat Wood said it doesn't have to be ERCOT. They just happened to be the one left standing when they assigned duties as to who would be responsible for establishing that clearinghouse, but I think ultimately if we're trying to improve the customer experience, and I

feel like I'm quoting Pat all the time right now, but if the whole objective is to have a good customer experience, then we ought to be working on trying to achieve that objective in order to make it go as quickly and as seamlessly as possible. I will tell you as a customer, if you're telling me to switch, I'm going to have to do 30 days here, I got to go back to them and then come back; you know what, maybe I'll just That's not an effective development of the competitive marketplace. I think we have to solve that nut in order to get to where we are truly able to make that kind of switching work because that makes a lot more sense to me than having to bounce back and forth over 60 days, and who am I paying this month and why. me is a cumbersome process and I think one that is not long for the world if we're going to be truly competitive.

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MS. NOEWER: On that perspective, though, one of the things I think that is a benefit from the warm transfer process is when the customer actually calls the utility, granted there are circumstances when people are running around but that's probably the best motivation

for us to immediately transfer, while the customer has just written down that account number, to the supplier to talk to that supplier about what options there are at their new location, whether they're in Toledo or Cincinnati from where they are today, in the absence of having the EDI system set up to do that at some point later in the future.

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The one other topic that you did ask, and since I am here and I am a CRES, that Commissioner Lesser asked about was with respect to the early termination fees. In our experience, I think we've been in the Ohio market since the inception, and I will tell you that it depends on the product, it depends on the community when it comes to government aggregation. And with respect to protecting those customers, there's two threshholds and two gates. The first is that through legislative vote they actually provide their affirmative consent to their mayors and their city council to look out for them with respect to whatever offer is being presented, whether it has an ETF in it or not. And then the second gate is through the opt-out notices to those particular

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customers as long as there's proper disclosure.
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And I think what I will tell you from my experience there in Ohio is that the competitive market will dictate what products actually can be served to customers and how receptive they are. If customers do not want a particular product, whether it's percent off, fixed price, with an ETF or without an ETF they will move on to a different supplier in another town. So I think it's perfectly appropriate and I think in a competitive market the market ought to dictate what those products are.

COMMISSIONER LESSER: So Sharon, you are saying you have early termination fees for people leaving a Gov Ag?

MS. NOEWER: In some cases, not in all; and again, it depends upon the community.

COMMISSIONER LESSER: Dwayne?

MR. PICKETT: For the early termination question we do have an early termination fee with most of our posted prices; it's \$25. Our view really, though, is it's not that important of a hedge for us with our residential customers. It's a bigger deal with CNI. When you're making a larger investment,

you got a lot of other money you're booking in the future; but for a residential customer it's something that we post as, you know, don't jump out of your contract but it's not something that is imperative.

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I did want to make a comment back to contract portability towards Tad's comments on whether or not contract portability is a big deal. I think he mentioned some statistics at DP&L throughout that, hey, not a lot of people are moving on the same day and signing on the same day. And I think the first point is that doesn't cover contract portability as we're talking about it today. There's a really small subset. And I actually came back with numbers this time for what we think would be the eligible customers for contract portability in Ohio, if you don't mind.

MR. PICKETT: I'd love to share that with you after as well. In 2012 the Census Bureau updated its rolling five-year estimate of the residential mobility by asking the following question: "Did this person live in this house or apartment one year ago?" In Ohio, a whopping

CHAIRMAN SNITCHLER: We're all ears.

14.7 percent answered no, indicating that 14.7 percent of Ohioans had moved within each of the five previous years. So each year about 15 percent of people moved in Ohio. Further, for Columbus it was 23.4 percent indicating to me that in denser populations where we typically have EDU coverage, it's more portability, more residential mobility. We're talking about a lot of customers.

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What folks would say to me next probably is, well, you don't really know where those folks are moving to. They could move to Canada, Fiji, you know. And the Census Bureau had an answer to that too. They did a study in 2012 using a sample group of 11.1 million Americans, and out of that sample 13.7 percent of the respondents moved in that calendar year answering the same question. And they also gave data about where they moved. 9 percent moved within the same county; 9 percent out of that 11.1 million, roughly one million 56 thousand individuals. And also 3 percent of that same 11 million moved within the same state and only a small percent, I think another 2 percent left that moved outside of the state or outside of

the country. So we're talking about a lot of folks. If you wanted to apply that to the 5.1 million households in Ohio, that would be over, that would be roughly half a million customers in Ohio. So we're talking about half a million Ohioans that moved within their county every year.

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So I think contract portability is actually a big deal. There's a relevant amount of customers. I'd love to share this with the panel and with the Commissioners and, Mr.

Commissioner, you talk about contract portability as a statewide program. I think RESA and Integrys are extremely in favor of that and we'd like a wider, a broader approach to contract portability as well. I think we offered this program just as a compromise in the subcommittee.

MR. BERGER: If I could just respond to Dwayne on some of these statistics. We don't know if these customers are moving back to mom's house or moving back in with another person. We don't know a whole lot about these statistics.

One of OCC's biggest concerns is that a customer is moving from an apartment to a much larger

home or vice versa, and their circumstances are changing significantly. And when they signed the contract one year or two years or five years ago, the concerns that they had when they did that and checked off this box, if they even have to do that, simply aren't relevant to their lives anymore, and I think we have to be cognizant of some of the consumer issues.

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Also, I don't know that you can actually transfer a supplier's rate from one EDU service territory to another. Currently the rates that suppliers offer in different service territories are different, so I don't think that we can necessarily look at that in a uniform way.

COMMISSIONER HAQUE: So let me, Tad, if you don't mind. With respect to the concern if an individual who signed a CRES contract goes and moves in with more roommates or with mom and dad, logistically, if that household already has service or a contract with a supplier default service, and we're talking specifically about contract portability, what's the result? When I think of this concept I think of moving from a place that the resident or member is currently

residing in to a place that's currently dark, okay. I don't look at this from the -- so address this for me, please, the concept of if you move to mom and dad what's the thought, what's the thinking behind it?

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MR. PICKETT: Mr. Commissioner, it sounds like that we're contemplating much broader contract portability, so we could make the rules around that quite simple. We're talking about service from -- we could even define the program as a program where you're moving from a utility, distribution utility with the lights on to another large distribution utility without service and you're establishing new service. It could be that simple. You could say if you're moving to mom's house it doesn't count.

COMMISSIONER HAQUE: Secondly, so,

Tad, we just went through, we just had another

panel where we talked about enrollment, okay,

and presently you need your account number to

enroll. And so the presumption behind that is

that if you went to get your account number, you

were fully educated about what you're doing and

you have gone though not only sort of looking at

what your new deal will look like, but you also made an effort to go get your account number and sign up, okay. Now, as a consumer advocate you're telling us you entered into this contract, and contract law aside and what the actual terms of the contract would be, but philosophically they've gone through all of this to find a deal that they're happy with. And now as a consumer advocate you're saying, well, now that they're moving we need to go through this process again. Is that fair to the supplier? Is that doing justice to the market that we're trying to create here? I mean, address that for me.

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MR. BERGER: Well, Commissioner, thank you. I think we're transitioning, Commissioner, to a whole new realm for consumers where they have been under the protection of this Public Utilities Commission and they're operating with the assumption that the choices they're making are somewhat guided by the oversight of this Commission. And that when they make — when they decide to move in two, three, or five years there's not really going to be that long of a contract that they really have

to be that concerned about. A lot of people look at that as the boilerplate. They may not realize, and I think in a lot of cases or even in most cases, they don't go and read those detail provisions, and a lot of these contracts are one, two pages long with very fine print. So I think we have to be cognizant of that when we decide, well, what can be included in a contract and what things are beyond the scope of what should be included in a contract.

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And so when we're talking about contract portability, I think we should have limits for how long it is that a contract can be ported. I certainly don't think a contract should be ported after, you know, two years or something, that's my personal opinion, because of the customer's memory of the circumstances and the continuation of those circumstances. Ιf their usage is much greater or reflects new family members, then, you know, the circumstances under which they signed that contract simply have changed and that should be taken into consideration in this Commission's determination of whether to proceed forward with enforcing the terms of contracts.

COMMISSIONER HAQUE: Do you think it is fair for a consumer who signed a contract to be able to sort of, and I guess I call it a moving loophole, get out of their contract just by moving? I mean, whether the deal that they signed two years ago or one year ago or three years ago was a deal that they regret, okay, it's a decision that they made.

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MR. BERGER: Well, I'm an attorney so I certainly believe in the enforceability of contracts. The question is, is it good public policy in this Commission's determination in its oversight of those contracting procedures to have contracts that have that length and that comparability.

MR. PICKETT: So I think --

CHAIRMAN SNITCHLER: I would ask you to be brief because I'm going to reserve the executive privilege of asking the last question as we are at our time limit, so Dwayne, you can have your comment, and then Sharon, I've got a question for you but anyone is welcome to answer, so go ahead.

MR. PICKETT: Very briefly. I think
I have to disagree. I say that we shouldn't

make a policy of limiting customer choice; that 1 2 we shouldn't make a policy of regulating 3 unregulated prices. As we move forward at the end of this month, by the end of December, all 4 5 the utilities in the State of Pennsylvania have 6 to file contract portability plans on how they 7 intend to move forward with contract 8 portability, and that's something that the 9 Pennsylvania Commission is going to look at. 10 think that would be a great place to look at 11 ideas on how we can implement the same process 12 here. I think it's a great way forward having 13 utilities step up and actually offer a plan. 14 CHAIRMAN SNITCHLER: Thank you. I'm 15 going to ask a rhetorical question first and 16 then a direct question. My rhetorical question 17 is on the question we have just been having. 18 I'm not aware of anyone that's advocated that if 19 you terminate service and two years later you 2.0 reinitiate service, you're trying to port your 2.1 contract over. That sounds to me like termination of service and a new contract, but I 22 23 might have missed that in the comments to the

question. But that being said, Sharon, we

talked a little bit about warm transfer.

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kind of got glossed over a little bit.

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From my perspective, as I reviewed the discussion and tried to get up to speed on where the subcommittees and the workshops have gotten, this seems to put the power in the hands of the consumer, and from my chair that is also ultimately where I think that power belongs; and so we don't want to have any undue influence either from the CRES supplier or the EDU. mean, ultimately I want the consumer to be able to make the best choice that they think makes sense for them. And isn't the warm transfer the model that seems to offer the greatest chance for consumers to be the most empowered, or am I misunderstanding that? And I don't mean to throw you a softball but as I go through it, you're the only one who's mentioned it. seems to me that's the way to go.

MS. NOEWER: No, I absolutely agree. What happens today is if a customer calls the utility and tells them they're moving, all the supplier sees is a drop. You don't get any other information other than that. And really, if you can then get ahold of the customer weeks, months, if ever later, then you're already past

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the point where the customer's contract, where
they were saving, that that opportunity is lost.
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So in the case where, in a warm transfer, where the customer would call the utility service representative, get their account number and then be immediately transferred to that supplier, they could then make the choice; listen to the supply options, whether it's continuing on with their contract or even if it's in a different service territory, perhaps there would be an opportunity there as well. So all of the empowerment is in the hands of the customer at that point. And beyond that, you know, FES and other suppliers, we value our relationship with the customer and you want an opportunity, since you have developed that existing relationship, to continue it. It doesn't have any of the same detractors, if you will. There's no, you know, EDI to build in, there's minimum utility involvement, and not much cost, in fact, to be able to implement something like this.

customer has a good experience with shopping, at least they understand what's happening.

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CHAIRMAN SNITCHLER: Great.

COMMISSIONER LESSER: Just very quickly. Sharon, how would the customer know that they could choose the port or not if they're being just transferred to their current supplier?

MS. NOEWER: If you're a supplier answering the phone and you have a contract with that customer, if the customer is moving, there is nothing that would keep that customer in that contract unless there was some sort of customer portability clause which we're saying was something we don't need. Clearly, if the customer says I don't want to take this contract to the new location, you wouldn't do it.

MR. PICKETT: So I guess the only problem that was brought up with the FES proposal is that the customer wouldn't have the new account number for the new residence, so they couldn't sign up. On the warm transfer the utility tells the customer, hey, this is your new account number, write it down, you're going to be on the phone to the supplier in a couple

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seconds, then tell them that number; and our concern is that's doing too much. If we could get the account number, then the warm transfer is fine. We're on the warm transfer, we have the number. As long as they have that consent with us, then we can process the new one.
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MS. NOEWER: But every utility in the state doesn't have the same rules for availability of account numbers either. I apologize for wrapping up.

CHAIRMAN SNITCHLER: No, you're good.

MS. NOEWER: So, for example, Michele Jeunelot mentioned that they do it by SDI which is tied to the premise, so if you call, if you know what your new premise is, you could get that number right away. In the case of Duke that may not be the same. So that may be something that we would need to work on further to make sure that, you know, in certain circumstance, I think the FE utilities and Dayton would have the account number available. So it's something I think we could continue to work on.

CHAIRMAN SNITCHLER: And I think we probably will. So with that, I will thank you

for your participation. Those who would say I'm not kind are wrong. I will take a break until 3:15. That gives you 4 minutes to do what you need to do and then we'll reconvene the next panel on POR at 3:15. So thank you.

(Break taken.)

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We will reconvene our meeting and we'll poke fun at Commissioner Lesser when he arrives for being late at getting started again. With that, our next panel this afternoon is going to discuss purchase of receivables and we have what appear to be four members of this panel. Oh, nice to see you could make it.

So we have four members. We have
Stephen Bennett who is here on behalf of RESA;
Matt White is here representing IGS; Carrie Dunn
is here on behalf of First Energy, and Joe Serio
is here from the Ohio Consumers' Counsel; and
Joe, we're going to let you go first. Since we
have gone left to right, right to left, we're
going to hit the center and we'll work out from
there and try to be equal-opportunity offenders.
The same groundrules apply. If you get started,
expect questions. And those of you who are also

on the panel, feel free to contribute answers if you have something that you want to chime in with. As you can tell, waiting until the end might get you short-tripped so you might as well get in there and not be shy, and given this panel, I'm not expecting anyone to be shy. So with that, Joe, the floor is yours.

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MR. SERIO: Thank you, Mr. Chairman. Thank you for the opportunity to be here. Generally speaking, once you have a program like electric retail competition or electric choice and you put it in place, we think it's best to let the program, give it time to develop before you start making structural changes. In this case we only got two EDUs in this state, First Energy and Duke, that are currently delivering the benefits of 100 percent market-based rate to customers. So we think it's premature to judge the overall success or lack of success of electric choice until all the utilities have an opportunity to get to that point and we can see what we have in the way of shopping.

Now, having said that, if you look at the shopping numbers, it's our view that shopping in Ohio is incredibly robust, it's

healthy, and to quote you, it looks to us like the purchase of receivables is perhaps a solution looking for a problem. We also believe that, you know, before you're going to make significant changes to a program, you need to know that the alternatives or the things that you're looking at are going to have a definitive benefit for customers and that there's going to be an improvement. Again, we don't have that with purchase of receivables. What we got is a lot of anecdotal evidence. We got a lot of people saying it will work better, it will make it work better, but we don't have anything concrete to show that that's going to be the case.

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Finally, if you're going to make changes to a program, we think you need to have the cost of those changes weighed against potential benefit. Now, we know for a fact that if you institute purchase of receivables, there's going to be a known quantitative definitive cost that customers are going to have to pay. We know that there's going to be a quantifiable benefit that marketers are going to get because their costs are going to go down.

And when it comes to the customers that paid the additional cost, any benefit that you get is going to be indirect, and it's not going to be quantifiable and it's not going to be measurable because you only get to get it if, in fact, those marketers decide to pass those cost savings along. There's no guarantee they're going to do it, there's no requirement they're going to do it. So what you have is the customer who pays the known quantifiable cost at the mercy of someone who gets a quantifiable benefit by this program, but there's no directive or requirement for them to pass it along.

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So when we look at this we say we've got robust market, there's no definitive proof that purchase of receivables is going to make it better, there's a known definitive cost, and any benefit I'm going to get isn't direct. So from a customer's standpoint we just don't see the benefit of changing what we have right now until we have better evidence to show that, in fact, we need those changes.

COMMISSIONER LESSER: Joe, do you really see that much of a dramatic difference

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between POR and the current payment priority plan?
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MR. SERIO: I don't know that we see that much difference. It's just, you know, a million dollars here, a million dollars there. These are all costs that customers end up getting.

COMMISSIONER LESSER: Have you quantified it?

MR. SERIO: Well, in the subcommittee meetings we asked the EDUs how much it was going to cost, and a couple of them identified numbers of over a million dollars. Not everybody came forward with concrete numbers which makes it kind of difficult. You know, before we buy something we'd like to know definitively what it's going to cost us because the last thing we want to do is say we're going to go there; oh, it's not going to be much of a cost, and then you get a rate case down the road and you find out, oh, it's 5, 6, 7 million dollars. We'd like to know up front and then is there a way to determine if I'm going to pay that additional cost, what am I getting in the way of a benefit.

COMMISSIONER LESSER: Can I just ask

you quickly, Joe, would you then support on the other side supplier having disconnection rights?

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MR. SERIO: I think if you had the same protection that you've got with the utility then, you know, that it provides the same opportunities across the board, but I think then you open the door to a lot more problems that either this Commission or somebody else is going to have to deal with, because right now utilities have to adhere to strict rules before they can go through disconnection, and those include the Commission generally having the winter disconnect rules that prohibit disconnection at certain times of the year. So there's a lot of logistical problems that would have to be worked out if we were going to go down that path.

MS. DUNN: Commissioners, I'd like to jump on that question as well if I may. Carrie Dunn, I'm here on behalf of Ohio Edison Company, The Cleveland Electric Illuminating Company, and the Toledo Edison Company. One of the comments the Chairman made earlier today regarding the workshop process was that it was worthwhile and also a topic of debate and obviously this is one

of those areas, but I would like to point out that this topic of POR has actually been decided in certain other forums specifically as relates to the First Energy EDU.

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In a 2002 case in lieu of POR the

First Energy EDUs had a stipulation that
approved partial payment priority. Thus far
that's been the system that we have used thus
far. And what that means is that no matter what
the customer pays, every dollar that comes in if
there is supplier arrears, they get paid first.
So it is a system that is currently in effect
right now. And as recently as the last ESP the
Commission confirmed that stipulation and
decided that the stipulation was good as it
stands. As far as we're here asking which works
better, there's no evidence that circumstances
since last year have changed.

And I would echo also just quickly, because it's part of my prepared comments, Joe's comments regarding shopping statistics.

You're looking at in CEI 85 percent, you're looking at 76 percent -- or excuse me, 79 in Ohio Edison, 78 in Toledo Edison. The state as a whole, no one is less than 60 percent of total

sales, and as the panelists before pointed out, we're heading in the right direction. And again, Joe stole my thunder but this is a solution in search of a problem. It's simply not there.

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CHAIRMAN SNITCHLER: Can I confirm that First Energy is agreeing with the Ohio Consumers' Counsel on an issue? I just want to be sure I hear that correctly. I'm sure that makes you both a little uncomfortable.

I guess as I listen to that, I guess
I need to take a step back and ask the question
that says does the Commission not have the
authority, if we deemed it to be in the interest
of the competitive marketplace, to make a more
uniform approach than doing it on an ESP-by-ESP
basis, because we have done it in some service
territories; we have not done it in others. And
it seems to me if we're trying, as the first
panel this morning seemed to indicate to us that
system uniformity is a better standardization,
is a better approach, that we ought to at least
consider how or what the appropriate standard is
in order so that we have a completely level
playing field that is fair for all market

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participants. Would you agree with that or am I off base?
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MS. DUNN: Chairman, I actually would not agree with that, as obviously I'm counsel for the EDUs. I believe the Commission does have legal authority under certain compelling circumstances to change its policy and/or modify stipulations and things that have been entered into. As I indicated in the last ESP the Commission found based on evidence of record in that case, that there wasn't any circumstances found there.

CHAIRMAN SNITCHLER: But there could be another ESP in the future, correct?

MS. DUNN: There could be, yes; there will be, yes.

CHAIRMAN SNITCHLER: Well, we'll see.

MS. DUNN: Yes. And the next point I would want to point out is uniformity is a challenge. I don't think the point has gotten out from the other EDUs today is that each one of us have different billing systems, so from a technical standpoint how that would work, you would have a problem.

Also in my research in looking at the

uniformity issue I took a look at the docket in Massachusetts that has actually a proceeding open that has been open since 2010 trying to achieve that uniformity. They actually issued standard terms and conditions and tried to use a formula or algorithm of sorts to decide what would the discount rate be, and to this day there isn't an answer. It's been five years. And what the ultimate thing that ended up happening is each supplier negotiated it with each individual utility in Massachusetts. Just an example of, as our panelists explained before, looking at lessons learned from other states and seeing what is right.

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But to answer your question, I think under certain circumstances the Commission does have legal authority.

Mr. Bennett pull his microphone down, and the only comment I'll make is that Dr. O'Connor also gave us a different remedy which was we could put you all in a room and say either figure it out or we'll do it for you. So there are multiple avenues for us to get there. But Mr. Bennett, I assume you have things you'd like

to add?

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MR. BENNETT: A few and I'm sorry, I must apologize, the weather seems to have gotten the best of me, so I apologize for my voice, and I hope the staff doesn't get tired of being thanked for all the efforts that they put into it because some of the workshops, especially the subcommittee meetings were long and a lot of things were discussed and the staff was always focused and kept us focused, so thank you for that.

A lot of things have been said here about POR, and the first thing I'm going to say is please do not take Massachusetts as a good representation of how POR is implemented. RESA and several RESA members are involved very deeply in Massachusetts to get POR, and I can tell you flat out that is simply the outcome of utilities using delay tactics, because they have no interest in implementing POR. So

I would say instead look to
Pennsylvania or Illinois or Connecticut or New
York or Maryland, or look to Duke Energy Ohio or
look to your gas utilities here because

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functioning non-recourse POR programs have all
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     been implemented and implemented in all of those
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      jurisdictions, and to my knowledge they're not
     really controversial in any way, shape, or form.
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      I know that you participate in several, you
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     know, organizations like NARUC and MACRUC, and
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     other organizations like that and I ask you,
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     have you ever heard a commissioner say, man, I
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     really wish we hadn't put that POR in. It's
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     causing all sorts of problems. Customers are
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      complaining; utilities are out of sorts;
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      suppliers are not benefited at all; customers
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     are not benefited at all. I think probably not
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     because the reality is, and Joe talks about
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     having no benefits, no demonstrable benefits,
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     but the reality is POR improves the customer
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     experience because you get away from duplicative
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     collections; you get rid of duplicative
     arrearages; you put the customer situation where
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     billing and collection and arrearages and
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     payment are with one entity all the time under
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     all circumstances. And that's a benefit,
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     because if I'm a customer that has arrearages,
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     that's probably indicative of something else
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     going on in my life and I probably would rather
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deal with one entity, the utility who has all of the information about my account, all of the information about what I do, from what I paid, what I haven't, what my bill is. That's a concrete benefit. That's an improvement in customer experience.

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So when we talk about kind of the idea if it ain't broke don't fix it, I think that's too folksy for this. I think that customers in Ohio deserve innovation and deserve improvement. So I don't think that this is a solution looking for a problem; I think this is a solution that brings benefits to the customer experience.

COMMISSIONER LESSER: Stephen, could you tell us in those other jurisdictions how is the discount rate and administrative fee set?

MR. BENNETT: It varies very widely and I would say that conceptually the main thing that I would ask that you think about from a POR perspective is that it is not a risk transfer mechanism. What POR does if it's structured properly, just make sure that nobody is double charged or double collects for the risk. So in a situation where a utility has rate recovery

for all bad debt, so it doesn't matter if the bad debt comes from suppliers, it doesn't matter if the bad debt comes from their own default service customers, they're going to recover a hundred percent of that bad debt risk, it would be inappropriate to then have them also collect a bad debt risk from suppliers. That's double counting.

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So in those situations where a rider or something like that already exists, oftentimes the discount rate is set to zero, what's associated with bad debt is set to zero. If that's not the case, if the utility is not already completely made whole, nobody expects a utility to do this as an altruistic thing, you don't expect the utilities not to be made whole, and in those cases you most often take the historic bad debt experience of the utility for that customer class and you apply that at the discount rate for the suppliers. So now the suppliers are taking on that risk of the bad debt in that discount rate. They're only getting paid 99, 98, 97 cents on the dollar, and again, the reason that it's appropriate there is because it's not a double collection scenario.

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                 As far as program costs, again that
     varies fairly widely. There have been
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      situations where the program costs have been
     borne as a socialized fee to all customers.
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     There are other situations where the program fee
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      is collected on a per bill basis from suppliers
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     or through an additional discount rate or
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      separate discount rate. So you set a discount
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     rate, again, where you're collecting 99, 98, 97
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     cents on the dollar and the money there goes to
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     pay for program implementation and program
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     maintenance. And again, I think the important
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     thing there is to make sure that the
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      implementation and maintenance costs are
     verified, justifiable, and amortized over a
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     proper period.
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                 COMMISSIONER TROMBOLD:
                                         Stephen, one
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     quick question. I understand the Duke POR, in
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     their territory the marketers can elect to have
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     a POR or not; is that correct?
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                 MR. BENNETT:
                               I believe so, yes.
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                 COMMISSIONER TROMBOLD: Do you know
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     how many of them have elected not to?
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                 MR. BENNETT: I don't.
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                 COMMISSIONER TROMBOLD:
                                         You're not.
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aware?

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2 MR. BENNETT: Sorry.

MR. WHITE: Can I just add to

Stephen's comments? I'd just like to say from

IGS's perspective -- and again, thank you,

Commission, for having us here and allowing us

to have a thorough debate on these topics. I

think it's very worthwhile. From IGS's

perspective we agree with the gentleman from

Texas earlier today who said the end game should

be the retail supplier having the retail

relationship with the customer and we're sending

out the bill, we're billing the utility charge.

That is a desirable end game.

But that being said, we currently operate in a system that's kind of in flux, and right now this proceeding is to find out things that can be improved immediately to our current system to make the experience better for customers. POR is one of those things because in a situation where the bill is currently being issued by the utility, to Stephen's point it makes sense to have the whole collection experience through and through be done by the utility and not have too many entities

involved.

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So I think a lot of the issues raised today, the question is if you snap your fingers today, could you get it done? Of course not. There are going to be issues that you have to work through to get these things done. But the bottom line is these things have been done in other markets. These things have been done in Ohio. These things can be done and a lot of the reasons why they're not to be done is not necessarily — does not necessarily mean they can't be done and they're not good for customers.

14 COMMISSIONER LESSER: Larry, I want 15 to make sure you understand --

16 COMMISSIONER HAQUE: Matt.

COMMISSIONER LESSER: I'm sorry. I was so -- I know Larry but I was so focused on the tag.

MR. WHITE: Larry is about 25 years older than me.

COMMISSIONER LESSER: Yeah, yeah, I know. He's a contemporary, that's the problem. You were describing basically supplier billing, and were you also describing consolidated

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supplier billing?
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MR. WHITE: Yes. Again, I think supplier consolidated billing would be a very positive step. It would enable the competitive markets to truly, truly work.

COMMISSIONER LESSER: So you would do POR for the utility charges and transmission charges and everything else then?

MR. WHITE: That's what we do in Texas. We think the Texas model is the best model. That being said, the current -- one of the issues right now is that in the default rate, in the distribution rate, the cost of collections and all that for the default rate is recovered through distribution rates which are paid for by all customers. So by not having a POR in the current system where there is a default rate that all the billing and collections is recovered through distribution rates, then you do put the default rate in a better position than in other competitive markets out there that the cost of the collections has to be recovered through their own prices.

model you have the power to disconnect solely?

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MR. WHITE: Well, there's obviously consumer protection rules that we must apply and they're very similar to the consumer protection rules that currently apply to the facility to disconnect, but ultimately we can order a disconnect given that we supply -- or we meet all those consumer protection requirements in Texas.

COMMISSIONER HAQUE: Joe, is the OCC philosophically opposed to POR or is it just that we're developing, we don't know what's coming, and we don't want residential to pay for it?

MR. WHITE: I think our preference is that we would prefer not to have POR across the board. You're looking at gas versus electric. I guess the biggest difference is on the gas side POR was necessary to get it jump-started and at the time it appeared that the benefits of going to choice would outweigh those potential costs. That doesn't seem to be the case here.

The other thing we see and if we're going to look to the gas market for how it's worked out, you know, not everyone looks at the

gas market and says that it's working to benefit customers. You know, last year The Dispatch did the article that showed that customers in gas choice had lost almost a billion dollars versus the alternative standard offers.

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CHAIRMAN SNITCHLER: I would dispute the numbers that were out there, and I don't think this is the appropriate forum for us to debate the number, but I can't let that go unresponded to. So if you want to continue to answer the question, we can debate that at a different setting but I think that number is certainly subject to a vigorous argument, and this is the wrong venue.

COMMISSIONER HAQUE: Gas aside, conceptually the POR piece, so if I look at this just conceptually, okay, the CRES providers, they have uncollectable debt rate that they need to recover, and so when I look at the OCC's position with respect to POR, I'm just trying to understand whether you are philosophically opposed to POR or just right now you just can't see the benefits, you might five years from now, you might ten years from now, but I'm just trying to understand your position.

1 MR. SERIO: I think the best way to 2 respond to it is that you're trying to put 3 regulatory certainty into an unregulated market. 4 And if you want regulatory certainty then you 5 have to have regulatory controls, and if you're going to have deregulation in choice, then there 6 7 are certain business risks associated with it. 8 I don't know of any other business that has 9 quaranteed that they're going to recover their 10 cost like that. 11 COMMISSIONER HAOUE: So that's an 12 important philosophical piece from the OCC then, 13 which is your opinion is that CRES suppliers 14 basically take on the risk of not recovering by 15 entering into the market. 16 MR. SERIO: That is a market risk, 17 yes.

MR. BENNETT: And I will say I know of no other industry that bills on a post-delivery basis that has no termination rights. So, in fact, I can get a magazine subscription and if I don't pay that, they stop sending it to me; whereas, as a CRES provider, I provide electricity, I bill on a post-service basis, and if I don't get paid, I have no

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termination rights. So one of the things, you know, one of the things about POR that is often misquoted is that it's simply a jump-start mechanism. It's not a jump-start mechanism. It can be used for that, and was very successfully in Illinois, but that's not the only purpose to put a POR in. POR, again, is to lessen customer confusion, it's to level the playing field on collections, it's to give the customer better experience dealing with one collection process instead of multiple collection processes.

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I mean, I would point out when you're in the committee meetings, in the workshops and talking about this, there was a lot of confusion. I mean, CRES suppliers brought in their operations personnel, utilities brought in their operations personnel. There was confusion about this. Where was the information for the utilities and the tariffs on how the payment priority worked? There was confusion on how it actually worked. There was confusion about what happened when the customer was put on a payment plan and how that affected the information transfer back and forth. I mean, the only person, the only utility that didn't have any of

that confusion going on in those meetings was
Duke. Duke just said, yeah, we don't have that
problem because we have POR and we don't have
the problem of the difficulty in communicating
and making sure the data goes back and forth.
So again, POR is not necessarily just to
jump-start a market, it's to actually improve
the market, make the market more sustainable.
It brings in market efficiencies, it can bring
in supply diversity, it can bring in product
diversity.

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The other thing that we hear in these meetings that was talked about a lot, and my panelist from First Energy brought this up, is shopping statistics. Well, shopping statistics alone are not really the only marker of a robust marketplace. It is one of them, but you have to look at what are the products being offered in that market? What does the supplier diversity look like? Do you have one supplier? Do you have five? Do you have ten? Do you have people seeking to enter that market? Do you have people thinking that they even have an opportunity to enter that market? And if you look at what the subcommittee on the definition

of what a robust market was, they didn't say shopping statistics alone. We came up with additional markers and I'm not sure that everywhere in Ohio you really have robust shopping outside of simply those statistics.

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COMMISSIONER HAQUE: Let me ask you about Duke's POR program. Mr. Serio said a few times there's no evidence that POR is needed. There's evidence that you just mentioned the switching numbers; switching numbers are not necessarily a great metric for determining whether this is a necessity or isn't. Talk to us a little bit about Duke. One item that has been brought to our attention just statistically is that the switching numbers post the POR have not been, they haven't been as great as expected within the Duke territory as a result of the POR, and that could be a number of different reasons, right; but talk to us a little bit about the Duke POR and whether you think it's going well, what are the successes, what are the failures?

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     market successes, it's just not the only one.
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     You know, I think the POR program as it's
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      structured in Duke is a very good one. It
      follows similar structures to the other
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      jurisdictions I mentioned. Again, I don't think
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     you hear complaints from customers or from Duke
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     or from the suppliers that operate in the Duke
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     territory; but I also don't want to paint POR as
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     a pure panacea. Just putting POR in place
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     doesn't suddenly mean that everybody on
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     residential supply is going to choose a CRES
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     provider. What it does, though, what I would
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      say is to look at Duke and say what does the
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      supplier diversity look like there? How many
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      suppliers are operating in Duke? Contrast that
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     with an area that doesn't have POR. Look at the
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     number of products that are on the very -- and I
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     want to say that the new Apples-to-Apples site
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     that we're about to see is spectacular, so when
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     that comes out, look at the product offerings
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     that are out there.
                           There are a lot of
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     different diverse product offerings in Duke for
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     the residential customers versus in the
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     territory that doesn't have POR.
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                 So you're right. There are a lot of
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things that can influence whether a customer shops or not. POR simply makes the market more efficient so that when they do shop they have more choices.

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MS. DUNN: Mr. Chairman, if I could have an opportunity --

CHAIRMAN SNITCHLER: Please.

MS. DUNN: -- to respond to the supplier diversity? Again, this is anecdotal, I apologize, but recently in the First Energy territory as recently as October and November two competitive suppliers did announce that they began offers in the residential market in First Energy as recently as this month or -- yeah, November, and so supplier diversity is happening regardless of POR. I think, Commissioner, your question was a good one. There are a number of factors you do look at. But traditionally and historically in almost all the states cited, it was a mechanism to jump-start the market. When you get past that point, as I think we all know, those numbers aren't going up.

There are other means that you can use to provide the suppliers with some of the risk mitigation, and I would be remiss if I

didn't point out some of the positive aspects that came out of the RMI. Mr. Bennett alluded to positive aspects. When POR looked to be not an option as far as uniformity, we did spend a majority of the time discussing what information are the suppliers lacking that we don't already give them. Do they understand what we already give them?

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For example, in First Energy's territory we give monthly reports that indicate whether the customer is on an installment plan, what the supplier arrears are. Certain items on those reports could be expanded cautioning, though, there are certain consumer privacy rights. We would obviously want Commission approval to release some of that information; for example, what the customer pays per month. It's an item that, at least in our legal view, we can't currently just give out, but it's something that could be enhanced and that would enhance their ability to collect from customers.

In addition, you're never going to

100 percent eliminate the CRES suppliers' risk

of coming into the market. That's where partial

payment comes in. It helps mitigate that risk. Some of that risk should be borne into or baked into the price they provide customers. What I think Joe is alluding to as well is if we provide them that advantage of having POR, it's not guaranteed that that will, in turn, benefit customers, and the customers ultimately do bear the risk even with a discount rate. That's been shown to be difficult in certain circumstances deciding what that is.

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retort to that is we keep talking about there's no guarantee, there's no evidence. I really do think that the only evidence is what exists outside of the state's boundaries. I mean, you can't honestly tell me that if we did implement a POR, the retail market wouldn't get better. I mean, you can't legitimately tell me that.

That's a future-looking-crystal-ball kind of thing, right; so I just wanted to pause you a second because the other thing that I wanted to ask you is, so from the intel that we received at the subcommittee level, FE was the utility that was most opposed to POR. You're vociferously arguing against POR here. Outside

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of what you have done in your stipulation, in
your ESPs, can you tell why?

MS. DUNN: Sure. The First Energy
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bill for this?

MS. DUNN: Sure. The First Energy
EDUs have been the fastest growing area with
territories where competitive suppliers have
entered the market. We were first to
corporately separate. We believe in
competition. We have supported competition. We
have done that for a long time. Fundamentally,
we believe there are legal issues as well as
philosophical issues in relation to POR. One is
providing cross-subsidies. We do believe that
POR subsidy from the regulated side to the
competitive side is counteractive to state
policy. That's one of the philosophical
reasons.

There's other reasons as well.

Functionally; functionally you're asking for a change and you're asking ultimately the utilities and then the customers to bear certain functional changes without a need for those.

That is cost to the customers that the customers ultimately may or may not see the benefit of.

COMMISSIONER HAQUE: Who floats the

MR. WHITE: To answer that question, the cost of collection activity generally comes out of distribution rates, so if you want to talk about subsidies, I would argue it's the exact opposite where, you know, the distribution rates are subsidizing the cost of collections for the SSO rate. If you have an uncollectable expense rider now, that's just recovered from everybody; but in a discount rate, the discount costs are also recovered from, on the uncollectable expense, is also recovered from distribution rates in a utility without uncollectable expense rider. So you really are getting a lot of current subsidies right now flowing from the distribution rates to the SSO which is harmful to competition, and it is contrary to state policy.

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Going back to the gentleman from

Texas, because I really like that guy, talking
about making a market that lowers the

transaction cost for CRES, for competitive
suppliers, POR is one of those things that you
can do to lower the transaction cost to
competitive suppliers. And the evidence is
clear that if you bring that into a market,

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you're going to bring in more competitive
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      suppliers, you're going to have more offers on
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     the table and you will eliminate the subsidies
     that are currently occurring from the
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     distribution rates to the SSO.
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                 COMMISSIONER HAQUE: Okay.
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     didn't mean to cut you off. So you mentioned
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      cross-subsidy; you mentioned functionality.
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                 MS. DUNN: Yes, and also legal
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     ramification as it relates to current rules
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     relating to disconnection of customers for CRES
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     charges. The last thing I wanted to point
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     out --
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                 COMMISSIONER HAOUE: What is your
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     understanding of legal ramifications?
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                            The cross-subsidy that I
                 MS. DUNN:
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     mentioned which is in the statute. I can cite
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     that for you later. That's one.
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                 COMMISSIONER HAQUE: But it doesn't
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     have anything to do with your previous ESP.
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                 MS. DUNN: What, the state policy of
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avoiding --

X, and then Todd cited one of the gentlemen that was here earlier in our panel. Does that weigh, is that part of your legal ramifications argument or not?

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MS. DUNN: I believe that is part of the legal ramifications as well. I believe also in that case that the Commission determined that there was no evidence that there was a legal obligation for the companies to provide it as well in that circumstance.

The last thing, you know, as far as regulated, you know, SSO rates that my colleague brought up, is that the difference between a regulated and competitive is, on its face, regulated companies have a strict rate of return, rate of equity from the Commission. If they received certain expenses recouped through that, it's because of the nature of the regulated business versus competitive. I don't know of any competitive business that wouldn't want their credit risk eliminated, and that's where we philosophically disagree on that issue.

And I do want to point out that that is the, you know, personally that's the EDU, First Energy EDU's position. I believe the only

position that has been brought up by other EDUs is they just believe it should be EDU by EDU, and that's the response behind why we take the position that we do.

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CHAIRMAN SNITCHLER: And we are at our time limit for this panel. I think this is case in point why this is such a challenging issue. Very strong opinions on all sides and I think certainly helpful in engaging the Commissioners as we look at how we might address these issues going forward; and certainly it seems to raise some of the questions raised by this morning's panel about structural versus behavioral separation as well. So we may yet return to that discussion. So I want to thank you for participation on the panel.

And with that we'll move on to our next panel, which is a favorite subject of mine, bill formatting, bill messaging and CRES logos summary, and while we're changing I will talk about who is going to be participating. It seems like we're having round 2 of a couple of our guests which is great because they may end up with questions from the first go-round, so Tad will be back representing the Ohio

Consumers' Counsel. Dan Jones is making his 1 2 second appearance for the EDUs here at Duke. 3 And looks like Barth Royer is going to be here representing Dominion Retail from the CRES 4 5 supplier side of the house. And we are slightly 6 behind schedule, but I thought that was 7 worthwhile time to invest on that POR 8 discussion, so I appreciate you bearing with me 9 as we extend it a little bit. We'll try to give you a fair shake on this panel and not cut you 10 11 off early. 12 So with that, Dan, we'll resume our, 13 from my seat, left to right presentation and the 14 firing line will begin about as soon as you 15

start, so have at it.

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Thank you, Mr. Chairman, MR. JONES: I think the last time when we had once again. this discussion back on November 5th, I think it was Tad had gone first and presented a sample kind of standard format for a bill and we were kind of commenting on that, but just to give a few comments up front with regard to that bill. The first point that I made at that meeting was that all utilities are not created equal. And what I meant by that is that Duke Energy Ohio is

a combination gas and electric utility. 70 1 2 percent of our residential customers we bill 3 them for both gas and electric on the same invoice, so for us to, you know, conform to an 4 5 invoice, there is just not a way to make it look exactly like, you know, the sample invoice 6 7 looked like because we have to have --8 CHAIRMAN SNITCHLER: And by the 9 sample you mean the one that Barb had presented 10 to each of you --11 MR. JONES: Right. 12 CHAIRMAN SNITCHLER: -- which should 13 look shockingly familiar to Barth because I 14 think it was loosely based off of the Dominion 15 bill, and I guess I only want to interrupt to 16 ask the question and get the feedback from each 17 of you. I think it was Pat Wood that mentioned 18 kind of a Great Lakes approach where the region 19 would try to say if you're basically 2.0 Pennsylvania, Ohio, Indiana, Michigan, maybe 2.1 Illinois and you made your bills look similar 22 and meet certain requirements, that might be one

way to approach this. Does that give anyone

heartburn or does that cause anyone to say that

is something we hadn't considered and maybe we

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should, or is that a non-starter across the board? I'm curious. That's the first that I heard someone mention that, and it's kind of rolling around in my head this afternoon as maybe that's a workable option, but I'm curious about your thoughts.

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MR. JONES: My thoughts on it are with regard to are there customer complaints out there with regard to not being able to understand the bill? There are bill messages each utility has that says this is your Price-to-Compare, so they have that number to use to look at various web sites and so forth; and, you know, if there are problems with each of the individual EDU bills, we would suggest that we look at the individual utility and try to make revisions there versus, you know, the standard format.

CHAIRMAN SNITCHLER: Put it in their shopping. If customers are going to be shopping across the footprint and may have portable contracts across the state for the better part of a decade, it seems, in some instances, it seems that some standardization would make sense because then you're consistent regardless of

where I live and where I move to. If I move within the state, I'm going to see the same kind of product. Is that not at least a laudable goal that we should be working towards?

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MR. JONES: I think when we look at all the things that the workshops addressed, that would be much lower on the list. I think there are other things that would be a higher priority than if -- you know, if the objective of these workshops was to create more informed customers and more switching, there may be other ways of doing that versus totally redesigning all the utilities' bills and having customers once again incur the expense in their rates for that redesign.

MR. ROYER: I would only add that imposing significant additional expense on the utilities, on EDUs simply for the sake of making bills look alike across the state doesn't seem to me to be the best policy. I think the important thing from suppliers' perspective is that the information presented on the bill is clear, that it's understandable, and that the customer can make necessary calculations from the bill to see, A, that the bill is right and,

B, to assess whether it's making savings. So we don't really have a dog in this fight, I guess, from that perspective, but not in favor of just imposing significant additional expense for this.

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CHAIRMAN SNITCHLER: Sure. minimum wouldn't you agree that, and I'm thinking from the gas perspective now, that gas customers, some customers receive a bill based on CCF, others receive it on Mcf. If I move from one territory to another, I could get what appeared to be a shock but might not actually be one when I actually figure out that this is just one-tenth percent times what I was getting before. Some of those basic fundamental consistencies seem to me that they wouldn't be a substantial O&M expense, and even I went to law school, I'm not a math guy, but can multiply by ten and get to my answer. So maybe some of those fundamental basics are things we can agree on as we move down the road.

MR. ROYER: Right. And that part I'm totally on board with, where you can make minor changes that don't require substantial reprogramming costs that you would visit on

customers, yes, we should do it, and I think that the subcommittee, we came to a lot of agreements about stuff like that in terms of nomenclature on the bills. It should be called delivery charges and supply charges so that everybody understands what they mean; and yes, I would agree with that 100 percent, that to the extent you can do it without being concerned about what color the bill is and, you know, how it looks on the page. As long as it's understandable, I'm certainly in support of that.

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CHAIRMAN SNITCHLER: Tad, what's the OCC think about it?

MR. BERGER: Mr. Chairman, I think we're pretty much on the same page with you about standardized billing, that it's a good idea; that the bill format itself is perhaps the most important customer education piece that a customer sees, and a lot of customers don't see a whole lot of other education. It's an opportunity to communicate with the customer from the utility, from the supplier to provide the necessary information for them to understand the electric supply market, to be able to

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contact their supplier, to see what the Price-to-Compare is and what they're paying relative to it, and as you know we designed a bill format that we think can be fairly standardized.
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Obviously, there has to be some assessment of is this really that costly? There has been a lot of statements during the course of the subcommittee about how costly it is to change bills. I'm not a programmer, but certainly the information on the bill, whether it's usage information, meter information, it's fairly standard across every bill and it's hard to imagine that the cost would be that dramatic.

CHAIRMAN SNITCHLER: I asked rhetorically only, if the cost would be different if shareholders were paying as opposed to ratepayers were paying. I simply throw that out there for consideration. I suspect there may be other questions from other Commissioners.

Commissioner Haque?

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COMMISSIONER HAQUE: Well, I don't really have any questions. I don't have answers either. Well, I might have answers. I always think I have answers. So I would just comment

that when I was preparing for this, I just took out my bill and looked at it, and I should think that I'm a moderately well-educated person, and I think that they are difficult to understand. On the messaging side of the bill, I think that the message of your Price-to-Compare and what exactly that means can be conveyed in a much -- it's difficult because I know you got a certain amount of space, but it can be conveyed in a more thorough and more, at the same time, more concise manner, and I will just read to you what I sketched out in about 30 seconds.

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"You have a default service provider that bills you for generation services. You have the ability, however, to shop and receive these services from another supplier.

Price-to-Compare below reflects what your default service provider would bill you for generation services per kilowatt hour. In order to save on these services, a different supplier's price must be lower than this price. If you're receiving service from another supplier, that supplier's name and rate will be reflected in this bill."

So I did that in a very short period

of time, and it makes a whole heck of a lot more sense than what is currently on my bill. It explains basically what this concept of default service is and it explains you can take from another supplier. So that is one thing.

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And I think the other thing is I think the Price-to-Compare, at least on my bill, the Price-to-Compare is listed; but when you look at the actual, I guess the charges in the math part of the bill, that same sort of look is not there. And when I say that same look, the decimal place is moved over, okay, and there are no units. And so you have to, by deduction, figure out what your cents per kilowatt hour number is from that piece of math and then compare it to the Price-to-Compare in the bill messaging on the left side of the bill. And I just think for the average consumer it is just too confusing, and I don't think that we're -well, I hope it's not intentionally confusing, okay.

So I just hope that in order to do this justice, we need to, at least at the very least, if we're not going to standardize the messaging, make it clear.

1 MR. ROYER: I would definitely agree 2 the Price-to-Compare language itself should be 3 uniform across the utilities. There's actually two problems here. It is not uniform because 4 5 not all the utilities use the same calculation. 6 For example, Duke does annual calculation, so 7 it's not strictly correct to say, well, you 8 would save in this month if you were with 9 another supplier, and it's also not consistent 10 because the instructions of what the customer 11 could do to determine the saving isn't really, 12 they're not really accurate. In fact, I agree 13 with everything you said, and it looks a lot 14 like what I handed out in terms of what I 15 thought it ought to look like for customers, 16 except that you say you will save in the future 17 if the price is lower and that is not 18 necessarily true. What you need to tell the customer is what would have happened in the 19 2.0 service month for which the bill is being 2.1 rendered if you were -- if you had a different 22 supplier, and this would apply to both, either 23 way you're going, with shopping customer or 24 non-shopping customer; but with that I'm 25 absolutely in agreement with what you're

saying.

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There's one other thing. I gave an example here of AEP's Price-to-Compare language. I'm not picking on them, but as you note, they're using the same message for shoppers and non-shoppers, and frankly, it doesn't make sense for the shopping customer the way it's worded, so we had suggested some other language. And in the committee meeting I don't think there was any fundamental disagreement that we do need some changes here.

CHAIRMAN SNITCHLER: Go ahead, Steve.

COMMISSIONER LESSER: Dan, if we had supplier consolidated billing, would you require any EDU logo information on the bill?

MR. JONES: I don't know that we're that far along in the process to know what the requirements would be for supplier consolidated billing. I know that they have it in Illinois and some of my comrades with Amron and so forth tell me the suppliers are purchasing the utilities' receivables, so at that point I guess the supplier becomes the collection agent in that scenario. So, you know, it totally just turns around how we operate currently, who's

purchasing what receivable and so forth.

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So I guess my concerns would have to do with, once again, like I said, about reprogramming the whole bill and the layout of it and so forth. It would be kind of like turning things inside out as far as how our systems currently operate. So that's kind of the concern, I guess, is just the cost that would be associated with that.

COMMISSIONER LESSER: Actually, you wouldn't be billing so I'm not sure what your cost would be, other than sending your bill information to the supplier.

MR. JONES: Right. The cost would have to do with getting the information out. It's kind of like reverse bill-ready billing, if you will. We just installed bill-ready billing for suppliers in our service territory where we send out the usage to the supplier, they send back the charges for that usage. And, you know, in the supplier consolidated billing scenario I think we would be sending out both the usage and our charges for that usage to be placed onto the supplier's bill. So it's truly the expense associated with turning our systems around as

far as how information flows.

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2 And I wanted to comment on the 3 Price-to-Compare as well, because on the sample bill it had on there, you know, your 4 5 Price-to-Compare is this number, you are paying 6 that number. And it's really important how 7 Price-to-Compare is calculated. And we came to 8 an agreement in the subcommittee meetings that, 9 yeah, that's right, it could be misleading 10 depending on whether it's a summer month, a 11 winter month, a shorter month because utility 12 companies have those stepped rates where it 13 might be more expensive in the summer over a 14 thousand kilowatt hours or less expensive over a 15 thousand kilowatt hours in the winter time. 16 the Price-to-Compare, as you go throughout the 17 year, varies, and it seems to us that, you know, 18 to calculate on an annualized basis is the only 19 way to do that. But even still, when you 2.0 calculate on an annualized basis, if you're 2.1 using today's charges for the utility's riders, 22 those things could change three months down the 23 road, six months down the road, nine months down 24 the road. So there's always that risk being 25 there no matter what the Price-to-Compare number

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is that it could be different when you actually get there to that point with the offer that you're accepting from a supplier, so there's always customer risk.
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CHAIRMAN SNITCHLER: Well, the good news is on the soon-to-be-released web site that you can update your information every day. So as things are changing, we can have real-time numbers changed effective overnight and the next morning they would become live, and that would be what you would be bound to for a whole 24 hours.

COMMISSIONER HAQUE: I know that the Apples-to-Apples web site is referenced on at least my bill, so maybe that concept needs to be referenced as well.

COMMISSIONER TROMBOLD: I was going to go on to a new subject.

 $\label{eq:CHAIRMAN SNITCHLER: As was I, so I} defer to you.$

COMMISSIONER TROMBOLD: I know there has been some discussion about riders on bills and how that looks, and whether or not you go to a web site. Can anyone talk to me a little bit more about that?

MR. BERGER: Sure. OCC has taken the position over a long period of time that the riders really need to be delineated on the Some utilities put them on the first page of the bill and a lot of companies have a lot of riders so they do have to go or continue on to the second page of the bill. I think there are a number of rules that address the specification of charges and the fact that the customer needs to be able to recalculate the bill from the information provided on the bill. So I know there has been discussion throughout the subcommittee meetings about the Commission's or some folks' desire to consolidate some of the riders. I'm not sure how that will be done, but, you know, I think it's a basic principle that customers have a right to know what they're paying for, and that's an important goal that OCC has in communicating to customers so that they know what they're paying for. On the back of a lot of the bills

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On the back of a lot of the bills there are definitions of each of the charges as you probably know. That should continue and there should be a specification of the charges. Did that answer your question?

1 COMMISSIONER TROMBOLD: Wasn't there 2 some discussion about going to a web site? 3 that what you were referring to, that you want it just to be on the bill, period? 4 5 MR. BERGER: OCC wants it on the 6 Yes, there was some discussion during 7 subcommittee meetings about there was some 8 suggestions that customers could be referred to 9 a web site for details on the charges. 10 COMMISSIONER TROMBOLD: Okav. 11 CHAIRMAN SNITCHLER: We have seven 12 minutes and I have at least two topics that 13 might generate some discussion. I guess 14 Commissioner Haque already brought this up to 15 some degree, the bill messaging and the fact 16 that we can put all kinds of messages onto the 17 bill. I'm also a consumer in addition to 18 filling this chair, and I get my bill and I see ten thousand words in fine print and I do what I 19 2.0 think 99 percent of the customers do, I 2.1 disregard it and I don't read it. So I think we 22 need to be looking at different ways to make 23 sure we're communicating that same information. 2.4 And Commissioner Trombold mentioned a

different instance, but perhaps use of E-mail or

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voluntary E-mail or a web site that can be gone to or the use of social media. I know most utilities are using social media now to, either facebook or even more so twitter, to push information out to customers. Links can be included in those messages and embedded that can take you to a certain location that might be a more effective way or certainly another communications channel. Have we looked at or thought about how information like that could be included on a printed bill or in some other fashion to give the, let's say, and I don't mean to be derogatory in any way because I'm in the first category which is the over 40 or the under 40 category, who use more or less paper or more or less electronic means to communicate and do business?

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I think Theresa mentioned about half a dozen times she does everything from her Smart phone. So should we be looking at different avenues to do a more effective job communicating what's on the bill messages?

MR. ROYER: I would say yeah, from the supplier perspective, but I think that the bill message space is up to the supplier to

figure out what the most effective means to communicate will be, and I'm sure that there would be those that would use that message. And one of the issues we had starting now is whether there was enough room, and I think we resolved that there is, to do whatever they wanted to do. And if the supplier does a poor job of communicating, that's on him. Their customers won't be happy.

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MR. JONES: And just to address it from the EDU perspective, when I mentioned bill-ready billing, that's part of bill-ready billing. There's a certain number of characters available. For instance, in Duke Energy Ohio there's, like, three lines of 70 characters that are available on our bill for bill messaging for the supplier and it goes in the supplier area of the bill where their charges are. But as far as, you know, suppliers doing other things, sure, they're free to do that. They've got the E-mail addresses of the customers and provide messages that way.

fashion; or do you see it being a two-channel communication tool for at least the foreseeable future?

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MR. ROYER: I would think we'd want to retain that opportunity to communicate with the customer in any way we can, so I would say reserve both.

CHAIRMAN SNITCHLER: Okay. Fair enough. Now, the issue that brings a smile to my face only because I'm trying to figure out why we're having an argument about it but that's okay, we'll have the discussion, which is about CRES or competitive supplier logos on the bill and where they go and where they'll be. And I'm willing to assume it to be next to the CRES supplier charge in the box so I can guarantee you it's about the size of a period, and no one will know who the supplier is, which from my perspective, based on the conversations we had all day today, we ought to be emphasizing the CRES suppliers and making sure customers know who they are, at least equally if not to the forefront of who the EDU is, because if I reside in a certain geographic territory that a monopoly services, you're going to be their

customer regardless.

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The CRES supplier is the one who is perhaps more interested in how sticky that customer gets. So I'm curious for your thoughts on just where, how large, what color, what all these very odd issues that seem to have caused a whole bunch of discussion are for bill-related issues. So Dan, we'll start with you.

MR. JONES: Well, I'll start with the utility response of the expense that's involved in this. First of all, logos are not stored in our billing system, not even the Duke Energy logo. The Duke Energy logo is on the paperstock that the bill is printed on. So we would basically be starting from scratch to put, you know, bill logos in our system.

And it gets just back to my previous point about, you know, where do we -- what makes the most sense in terms of where we should be spending the money to, you know, improve customer education and, you know, increasing and so forth. So I think this would be another lower priority item on the list of things that money could be spent on.

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everyone else answer. That strikes me as we're viewing this from the opposite side of the coin because I think this is a low-hanging fruit item that ought to almost be so simple, I don't know why we're even talking about it, but I appreciate your concern. So do the other panelists have any opinion on that?
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MR. ROYER: Yeah. It's important that the customer recognize, and that he be reminded and that it be highlighted, he is a customer of the CRES supplier for supply service. We had some discussions in the subcommittee and it sounds like some folks can put it at a reasonable size with the supplier charge block. From Dominion Retail's perspective that would be fine. Other CRES suppliers feel more strongly that it ought to be at the top of the bill. I'm sympathetic to that argument if there's not going to be a POR because they need to know that this is a bill from the supplier as well as a bill from the utility, and I'm glad somebody was wise enough to put me on the POR panel.

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is a bill, actually a bill from two entities.
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CHAIRMAN SNITCHLER: Tad?

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MR. BERGER: Mr. Chairman, the bill we presented obviously provides a prominent display of the utility and the supplier's name, their information, their contact information, their 800 numbers. Whether it has a logo, you know, we have heard these arguments too. It's a little difficult to believe that in this day and age it's so difficult to put a logo on a bill. Most utilities have indicated they're willing to do it if the charges are paid. And we're not concerned about it to the extent there's a prominent display of the supplier's name, that should be adequate; but if the suppliers want it, great.

CHAIRMAN SNITCHLER: Any last second questions as we are now at our time limit.

Ms. Trombold will have the final question to this panel.

COMMISSIONER TROMBOLD: I was just curious. Does Duke, can you tell me like a percentage of your customers that use electronic bill they receive as opposed to a paper bill, just because I would think that maybe the logo

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issue and maybe some of the other automated IT issues might be less, I don't know, I'm just guessing here, when it comes to issuing E-bills versus a paper bill. Is that the case and do you know kind of what the percentage is?
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MR. JONES: I'm not prepared to answer that question in terms of how many we have on E-billing. I don't know what the numbers are. There's, you know, 700,000 accounts in the Duke Energy Ohio service territory. We got 372,000 accounts that are currently switched. And, you know, there's a total of, like, 580,000 residential customers. About half of those are switched. And how many of the choice customers, the switched customers are receiving E-bill, I don't have that information, but if that's important, we can certainly get that for you.

COMMISSIONER TROMBOLD: If you can, that would be great. Thank you.

CHAIRMAN SNITCHLER: With that we thank you for participating. Those of you that had double duty today, we certainly thank you for taking your second swing at the pitch. And we're down to our final panel today which is an

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     enviable and unenviable position at the same
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     time. So I would ask our electronic data
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      interchange panel to please come forward and we
     will change out the name tags, and we'll have on
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     this panel today Sharon Hillman, Stacey
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     Gabbard -- got it right. Good.
                                       It was one or
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     the other -- and Jim Williams is up for a second
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      swing for the Ohio Consumers' Counsel.
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                 And with that, we will kick off.
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     Stacey, you get the pleasure of going first only
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     because we have done left to right, now we're
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     going to go back to right to left.
                 MR. GABBARD: Actually, we did
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      scissors-paper-rock.
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                 CHAIRMAN SNITCHLER: Excellent.
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     You've already sorted it out then. Excellent.
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     I couldn't take any decision away from you, so
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     the floor is yours.
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                 MR. GABBARD: We sorted that out.
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     decided not to go with hair length or color, but
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     this seemed to be fair. That might actually
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     work next year; but beyond, scissors-paper-rock.
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                 For sake of time, I want to boil this
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     down to a handful of boilerplate. I had
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     prepared remarks but I think we can just go
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right into following some of the previous panels. It might be more effective this way.

I'd also like to point out this is probably one of the least controversial panels you'll have.

Most of us are probably on the same page which is good news.

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First of all EDI is critical. If you look at any of the markets, choice markets, EDI is what holds it all together. So we have all the stats. Another thing is the Ohio EDI working group is working, and what we discovered in some of these panels was some of the things that were presented in some of the working groups was they hadn't been presented to the EDI working group. Once they were, some have since been approved, and so we strongly encourage that the EDI working group be utilized, the OEWG, and it be used to the best benefit of the market.

It is important if you look at any other markets, such as Pennsylvania, Texas, Illinois, they all have EDI working group standards. There must be standards, and this is one of the only, this is the only working group that we have in Ohio so it's important we use it. With that said, the OEWG cannot and should

not set policy, and it's probably a reason why we're here today. A lot of the things that have been presented to the working group they can't necessarily solve and they have to be defined and hammered out in larger forums, in some type of policy working group. And if you look at other markets, it's done different ways.

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Texas clearly has very structured working groups. Pennsylvania has working groups on policy. In the Texas market they give that authority to five or six different working groups that all have voting rights. Pennsylvania is more tied to the Commission. So it is important that there is a forum for policy to be hammered out. So what comes of these workshops is you will probably submit an order next year. What we don't want to be is back here again in two years saying, well, now what. This isn't working. We want this; we don't want That needs to be hammered out where the utilities and the advocate groups and the CRESs get together and provide some input to help hammer out that policy.

told what to do, I think it's better for us if

To your point earlier, rather than be

we're put together and we're told we need to do this; let us hammer that out rather than us being told what to do.

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And finally, in terms of escalation methodology for the working group, so right now in terms of how it's working, you know, it works very well with a couple exceptions, policy and having some mechanism to escalate policy.

So that's kind of a quick summary of my prepared remarks and I'll hand it over to my colleagues.

CHAIRMAN SNITCHLER: Sharon, I think that's you.

MS. HILLMAN: I represent RESA's position here today, just to clarify. And one, we do want to thank everybody. These were long, gory, detailed working sessions. They were very educational. For staff, for suppliers, for utilities, this was a long, gory, detailed process and I'm really primarily thankful for Pat Wood for making this sexy this morning. And really, the core of RESA's position around EDI and now also utility web portals for suppliers is a standardization across the state. I have to admit I hadn't thought about it across PJM

which would be, looking at Pat's analogy, it would have to be across PJM, but RESA's position is a standardization across the state. Some of the best practice standards that RESA has introduced via ESP case litigation on web portal and EDI issues come from surrounding states, primarily Illinois and Pennsylvania who have markets that are a little bit more advanced. So we have some that reflect that, and I think it was a very positive process.

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The other thing that I wanted to clarify today, and is the first time we talked about it in these sessions, was it's important for, I think, utility and staffers to understand and for all the suppliers to be on the same page, is what do you use EDI for and what do you use a web portal for? And just so you know, currently Duke has a web portal which is going to have some additional enhancements in June that were litigated in their ESP case. AEP will have a web portal around June of 2014. DP&L, there's a web portal address in their ESP case order. And FE does not have a web portal at this point.

So the first thing we talked about is

what's EDI? What's web portal? What's important to understand is, I think, there's a general agreement EDI is for transactions: the data that's going on a customer bill, the data that's going to supplier about the customer's usage, or the data going back to the utility from the supplier in the case of a consolidated bill. So EDI is about transactions.

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Web portals are about getting historical customer usage and relevant customer information so that the supplier can price develop and recommend products to customers, and that's a more efficient and less expensive way of doing it, once implemented, than doing all that via EDI. And so there's two separate buckets here right now: the working group really solely addressing the EDI, but part of what this workshop was about was web portals because actually, as Stacey mentioned, when we got through the big long EDI lists, we narrowed it down to a few number of open EDI issues. But as Stacey mentioned, those will evolve.

RESA doesn't have an official position on how policy should be handled going forward, but we're open to discussing that at

this point because, frankly, and this is some of my own opinion but probably also a RESA opinion, it's probably not effective to litigate EDI standards and web portal standards in ESD cases. It's good for Howard, it's not necessarily good for the industry or the customers. Sorry, Howard.

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And one of the open areas on EDI is net metering. As we know, there's an open

Commission docket on that. We do need to get that resolved because right now there's a barrier to customers with net metering switching and it is a growing area.

MR. GABBARD: I'd like to point out that's a perfect example of an area where the utilities were really wanting to identify what is the policy on net metering, because it's far sweeping. I mean, you're talking about PJM settlement, you're talking about a process that interfaces with the customer that, if not done properly, can give both the CRES and the utility a black eye. So we try to raise that through the working group. It has policy implications and that's why it got kicked over to the Commission.

MS. HILLMAN: So what is the state of web portals right now? The RESA list has 21 standards. They're largely based on the Duke standard that was negotiated which is similar to what we expect to see at AEP and hopefully also DP&L. We'd like to see that standardization across all the utilities including having a web portal at First Energy, and we really feel that these workshops were constructive, but we do have to continue to evolve. This stuff is not static. It changes as the market changes.

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And with that what's really coming
next is SmartGrid data and SmartMeter data. The
next wave of data innovation will be
interrelated for residential and small
commercial customers. You're just starting to
deal with MC issues now. SmartMeters will
provide information not available now for small
customers and allow them to be more efficient in
their use of energy which is a big policy draw.
But the promise of SmartMeters to small
customers can only be realized if the customers
can receive the data efficiently. Suppliers
want to provide these products and we look
forward to working with the stakeholders on

that. That's another example of evolving in terms of how we handle those processes going forward.

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CHAIRMAN SNITCHLER: Jim?

MR. WILLIAMS: Yes, Mr. Chairman.

Thank you very much for the opportunity to provide a few comments on the EDI process. As part of the customer data and billing subcommittee there was some concern initially when RESA first came in and had a laundry list of items that it wanted to address as part of that subcommittee, or at least that's what was thought at the time. I think what we found just in the process of going through the list, better understanding the list, and having communications between all the different stakeholders, there was an opportunity to understand where their requirements were coming from, the uniqueness of each of the EDU platforms, different systems that can operate within, and basically work through a process of compromise.

For myself, I felt very confident at the end of all of this that the Ohio EDI working group is functioning just fine in terms of

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     trying to coordinate these certain things
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     between the different CRES providers and EDU.
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      It seems to be a very effective process and
     there's a means in place to address the policy
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      issues with the Commission when policy issues
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     need to be addressed.
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                 CHAIRMAN SNITCHLER: Great.
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     either worn us out or done a very good job of
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     providing information, since nobody jumped in
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     during the middle of your presentation.
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     Commissioner Haque, you have been a lion at
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     asking questions. Are you good on this panel?
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     Could be?
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                 COMMISSIONER HAOUE: No, I'm going
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     to ask a question.
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                 CHAIRMAN SNITCHLER: All right.
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                 COMMISSIONER HAQUE: Sorry. So
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     Stacey, you said the biggest concerns right now
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     are policy and escalation, okay, and so is
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     that -- so for the most part it seems like you
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     guys are in agreement. The EDI group works well
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     together. This is like the most cohesive
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     hand-holding group that we've had up here all
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     afternoon. And so from a policy/escalation
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piece what specific guidance are you looking for

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from us?

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MR. GABBARD: Well, the EDI working group is very good at defining how we're going to do something, and if we're going to implement something. We talked a lot about different programs here today and all of those have EDI implications --

COMMISSIONER HAQUE: Right.

MR. GABBARD: -- that you have to shuffle that around to the different parties. So a perfect example is contract portability that has sweeping EDI transaction.

COMMISSIONER HAQUE: Sure.

MR. GABBARD: The working group, if they said we're going to implement this, it's a technical group, and don't get us wrong, there are disagreements. If you've ever sat in on any of the calls, you will know that not everybody agreed with everything, but they've done a pretty good job of shepherding the conversation and getting an end result. But there are times when there does need to be an escalation process where, using some examples we talked about earlier, some systems may not yet be as mature as other utility systems and implementing within

a pre-defined time line is not acceptable for a utility and for perfectly good reasons. They may be implementing other choice systems at that time and those IT resources are focused on implementing those and so that's why having more structure in terms of what we're going to see in the next two years, five years and not have kind of a reactionary approach to our policy, allows EDUs to really focus how we're going to spend our capital, because that has been the fear in the working groups all along is, from this, what's going to happen? Are we going to be asked to implement about \$3 million worth of programs and be expected to do it in about six to twelve months? That's very difficult to do.

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MS. HILLMAN: And I think what the EDU -- what the working group does right now is they develop standards, and if someone doesn't implement them, there's a document but they aren't implementing them, there's no enforcement other than the enforcement, say, coming from the Commission that it has to be done and it has to be done within a certain time line and how the cost is going to be recovered. RESA fully understands that there are costs and that those

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costs do need to be recovered and the policy goal is this is worth doing. So the challenge is, outside of litigating these in ESP cases, how do you move policy forward and address those issues, and we're open to discussing that.
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Stacey mentioned Texas which has a formal voting process, as I understand it, among stakeholders and stakeholders are represented.

COMMISSIONER HAQUE: So effectively, of course based upon this, you need marching orders at the end of the day and you need sort of structure and process, and then you guys are sort of the technical implementation people.

MS. HILLMAN: Architect versus electrician. The working group, the electrician, they need an architect to tell them how to put it, what the design of the building is.

COMMISSIONER HAQUE: I understand.

CHAIRMAN SNITCHLER: You have either gotten lucky or are very, very, effective.

There appear to be no other questions.

MR. GABBARD: We were more than happy to go last.

25 CHAIRMAN SNITCHLER: Well, thank you

very much for that, and you're certainly free to go. I have just a couple of closing comments that I will make. I know there are Nut Cracker ballets to get to and other very important things this evening and so we want to make sure we're mindful of everyone's time.

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This has been an incredibly productive day. I have found each of the panels to be very important to have addressed many of the important issues that we're wrestling with as we try to figure out what steps need to be done. I think our morning panel really broadened the horizons of the discussion that may yet need to occur as to what can be done, and I think each of the afternoon sessions that was really down into the weeds also gives us some direction and some indication of some strongly-held views that may ultimately require difficult decisions to be made but certainly we understand that we need to move forward in order to be successful in doing that.

I do want to thank all of the panelists, some of whom have already departed, but certainly appreciate your time in preparing and delivering your comments and being very

thoughtful in trying to educate us so that we can make informed decisions, which I think is what we strive to do on every occasion and that's why we took the opportunity to have this hearing today.

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I want to thank staff. Patrick and David have done just, and Barb, yes, that's correct, forgive me for omitting that, have done yeomen's work in trying to run these meetings and trying to herd cats and report back what's happening and how we are to move forward, and I know they're still working on a report that will ultimately be issued when this moves forward and so their work is not yet done, but again, as I complimented our staff this morning, I wanted to make a point to do that this afternoon because we wouldn't be where we are without your efforts, and certainly that is appreciated. Oftentimes employees of the Commission hear complaints not gratitude, so we'd like to make sure we recognize folks for doing great work.

The inevitable question that will come up is we'll adjourn our meeting and everyone will say, gee, what's going to come of this? Well, the good news is we know what will

come of it. We just don't know when necessarily that will be, but we will ultimately issue an order that will close this docket and hopefully make some recommendations on policy decisions that need to be made as we move forward. I don't have a deadline; I don't know when that date will be, and I'm not playing hide the ball, I actually don't, so save all the questions you may ask yourselves and others for later, but we are working towards a resolution of this matter because I think it's critically important that we try to work very diligently to bring it to a conclusion and not leave it under open docket, so you'll see that in the coming months as we move forward.

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With fear and trepidation I open the floor to closing comments from other

Commissioners. Seeing none, I thank you for your participation and I will adjourn our meeting and wish everyone a very good evening.

Thank you.

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Thereupon, at 4:35 p.m. the workshop was concluded.

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CERTIFICATE

I do hereby certify that the foregoing is a true and correct transcript of the workshop proceedings taken by me in this matter before the Public Utilities Commission of Ohio on Wednesday, December 11, 2013.

Armstrong & Okey, Inc., Columbus, Ohio (614) 224-9481

Iris I. Dillion

Registered Professional Reporter.

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Summary: Transcript in the matter of the Ohio Retail Electric Service Market Workshop hearing held on 12/11/13 electronically filed by Mrs. Jennifer Duffer on behalf of Armstrong & Okey, Inc. and Dillion, Iris I. Mrs.