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**NORTHWEST POWER AND
CONSERVATION COUNCIL**



**PUBLIC HEARINGS OF THE SIXTH
NORTHWEST POWER PLAN
Pasco, Washington
September 14, 2009**

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APPEARANCES

Council Member Tom Karier (Washington)

Council Member Melinda Eden (Oregon)

Staff Member Jeff King (Oregon)

Staff Member Howard Schwartz (Washington)

Staff Member Mark Walker (Oregon)

Staff Member William Hannaford (Oregon)

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**PUBLIC HEARINGS OF THE SIXTH
NORTHWEST POWER PLAN
Pasco, Washington
September 14, 2009**

BE IT REMEMBERED THAT, pursuant to the Washington Rules of Civil Procedure, the deposition of the Public Meeting - Draft Sixth Power Plan, was taken before Rebecca E. Donley, 3184, a Certified Shorthand Reporter and Notary Public, on September 15, 2009, commencing at the hour of 5:30 PM, the proceedings being reported at 2525 North 20th Avenue, Pasco, Washington.

1 **PUBLIC HEARINGS OF THE SIXTH**
2 **NORTHWEST POWER PLAN**
3 **MONDAY, SEPTEMBER 14, 2009**
4 **5:30 P.M.**

5
6 **MEMBER KARIER:** Welcome. Let's have a seat. I'm
7 Tom Karier. I'm a Council member, a Washington member of
8 the Northwest Power and Conservation Council and I'm not
9 going to be speaking very much so if you can't hear me,
10 that's OK.

11 The Council is holding a number of public hearings
12 on our Sixth Power Plan. I'm going to introduce a few
13 people and we're going to have a short presentation about
14 the plan but I do want to remind you that if you want to
15 speak tonight, we have a sign-up sheet just outside the door
16 and I would urge you to sign up there and you can get on the
17 list.

18 I'd like to introduce one of my colleagues on the
19 Council, Melinda Eden, who is an Oregon member of the
20 Council and she's going to start things.

21 **MEMBER EDEN:** Welcome everybody. This is a
22 statement that we need to read at the beginning of each
23 public hearing that we're having.

24 Welcome to a public hearing held by the Northwest
25 Power and Conservation Council on the Council's proposed

1 Sixth Northwest Power Plan. The Northwest Power Act directs
2 the Council to develop a regional conservation and electric
3 power plan and to review that plan every five years. The
4 Council is now engaged in its latest five-year power plan
5 review. As part of this effort the Council released a draft
6 revised power plan on September 3rd for public review and
7 comment.

8 The Council will be taking comment on the draft
9 power plan until November 6. The Council will also hold
10 public hearings like this one on the draft plan in all four
11 Northwest states over the next six weeks.

12 If you would like to comment at this hearing,
13 please sign in on a sheet provided outside the door on the
14 table for that purpose. You may also leave written comments
15 with us this evening if you desire. Your comments will be
16 recorded, placed in the Council's administrative record for
17 the power plan review, and -- most importantly -- considered
18 carefully by the Council as it makes its decisions on the
19 final power plan later this year.

20 For more information on the proposed Sixth Power
21 Plan, including the text of the draft plan itself, please
22 visit the Council's website at www.nwcouncil.org. You may
23 submit comments by using the "how to comment" link on the
24 web page devoted to the draft power plan. Thank you very
25 much for coming.

1 **MEMBER KARIER:** We're going to give a brief
2 presentation on the content of the power plan, and for that
3 we have Jeff King from our Portland office.

4 **(Whereupon a presentation on the Sixth Northwest**
5 **Power Plan was presented by Jeff King, Senior Resource**
6 **Analyst.)**

7 **MR. KING:** That concludes my presentation. We
8 can open it up for questions.

9 **MR. WILSON:** Quick question: What percent of
10 natural gas must we import into the Pacific Northwest?

11 **MR. KING:** We import essentially all of our
12 natural gas.

13 **MEMBER KARIER:** Can we have him identify himself,
14 please?

15 **MR. WILSON:** I'm Boyd Wilson with Bonneville
16 Power Administration, an energy efficiency rep for the Tri-
17 Cities, eastern Washington, eastern Oregon.

18 **MEMBER KARIER:** Thank you.

19 **MR. KING:** It comes from two primary areas.
20 It comes from western Canadian resources, Alberta and
21 British Columbia, and from Rocky Mountain sources, both
22 directions, into the Northwest.

23 **MEMBER KARIER:** Any other questions? OK. That
24 constitutes most of the talking that we're going to do. We
25 have put out the plan for comment. We're very interested in

1 hearing your comments. This is our opportunity to listen.

2 We have Council members here from Washington and
3 Oregon. We have staff here including Jeff King from Oregon,
4 Howard Schwartz from Washington, Mark Walker from Portland
5 who is the director of our public affairs division, and Bill
6 Hannaford, who works in our legal affairs division.

7 At the conclusion of the hearing if you have
8 questions, feel free to talk to any of us with all the
9 follow-up questions that you might have.

10 With that, I think we're ready to start and I'll
11 just call each name one at a time. When you testify, if you
12 want to come up here and state your name and if you're
13 representing anyone, identify them.

14 Steve Eldrige is first. Welcome Steve.

15 **MR. ELDRIGE:** My name is Steve Eldrige. I'm
16 general manager of Umatilla Electric Cooperative in
17 Hermiston and I have a few comments tonight. It's our
18 intention to send more detailed comments before the
19 deadline, though I would ask that you consider an extension.
20 If you want people like me to read a 600-page document, 60
21 days isn't long enough. But we will abide with what you
22 decide.

23 The other thing I'd like to say, generally, is
24 that I do appreciate the amount of effort and difficulty in
25 putting a plan like this together. It's competing with a

1 lot of other plans. It doesn't have the force of an
2 integrated resource plan. There's a lot of issues.

3 But you know, the Council was created to fill a
4 gap that the region 30 years ago wasn't consistently doing
5 and that's looking at all the options. And in some ways it
6 seems to me that maybe this plan is falling into some of the
7 same view of things that we did when we created the Council.

8 To have such a heavy emphasis on conservation, and
9 really conservation is not comparable on a dollar- per-
10 megawatt basis of firm generation. Renewables really aren't
11 comparable either. A renewable really is who- knows-when-
12 it's-going-to-generate generation. Firm generation is there
13 when you need it always, and over the years we've created a
14 fairly good transmission network to tie multitudes of
15 generation, operate spinning reserve, and all these kind of
16 things.

17 The other thing that bothers me generally about
18 the plan is I'm really sorry to see marketing language used
19 in provisions of the plan. To go from, for example, an
20 intermittent resource as describing renewables to a variable
21 resource really gives the impression that it isn't available
22 just when the wind blows. Last January in our cold spell
23 there was no wind generation for two weeks. That's not
24 comparable to regular generation.

25 And conservation, unless you physically remove

1 equipment so that it cannot operate at a higher level of
2 before conservation, it will peak at peak times. On that
3 coldest day all the heat's going to be gone. People will
4 put in extra heat if they feel like it or can afford it. We
5 are a big supporter of conservation but I really -- I really
6 urge the Council to take a step back and look at all the
7 things that it's considering and has it, in fact, considered
8 all of the resources on an even-handed basis or is there a
9 belief that it has to be conservation until it's exhausted.

10 We have a history in this country a picking a
11 resource and then just absolutely driving it into the ground
12 until it's exhausted. It really was only the Council's
13 leadership of thinking about integrated resource plans and
14 trying to balance the trade-offs that every resource has. I
15 really think that the thought of in 20 years 85 percent of
16 load growth could be met with conservation is -- I'm just --
17 I'm very sceptical of that and there's a couple reasons.

18 It wasn't clear to me if Council integrated its
19 population predictions and stuff of what the states had
20 done. Taking the Council's numbers it's projecting almost 3
21 million people population growth over the next 20 years. And
22 if all that could be met, associated businesses, homes, and
23 all that could be met by conservation, then we're saying
24 that three and a half, almost three million people, would
25 have the same effect as about 400,000 people. I just don't

1 see how we get there. And so I urge you to think about what
2 conservation really is, what renewables really are and what
3 generation really is.

4 I'm surprised that there's no nuclear in here
5 because unless we're going to relax reliability standards,
6 and I don't see any sign of that, we're regulated now,
7 unless you're going to relax reliability standards and our
8 customers are going to take less reliability, you cannot
9 guarantee that you will always meet demand and keep the
10 lights on with strictly renewables and conservation.

11 Another thing that worries me a little bit is this
12 plan doesn't seem to contemplate the kind of technology that
13 just turns our planning on its head. You know, some think
14 that if we're going to really control carbon, there's going
15 to have to be a move to electrical power as a surrogate in a
16 massive way, that all of these heat processes that industry
17 uses now where they burn something, that that will have to
18 go to electricity for us to have any chance to get below the
19 margins we're talking about in carbon. I don't see that in
20 here.

21 Even though we're a relatively low carbon emitting
22 region, if you look at what our governor proposed in the
23 last legislation, which didn't pass, we would have had to
24 emit less carbon than we did before there were white
25 pioneers in the Northwest, like two and a half tons of

1 carbon, and we're at 14 now. And then you add in population
2 growth and all that, it just seems -- It just seems like we
3 can't get there unless there's some dramatic changes in the
4 way that we use electricity and the wider use.

5 And then you look at distributed generation and
6 near zero net buildings and the complexity of that and how
7 that disruptive technology might effect both reliability and
8 cost and investments that we've made leading up to that
9 point.

10 Smart grid is mentioned very briefly but really at
11 a very low level. Smart grid really is gaining momentum, I
12 think, because of the heavy dependence on renewables and
13 intermittent resources. The only way that that has a
14 chance, until we figure out how to firm it up, is that
15 you've got to have such a strong transmission grid and so
16 sophisticated that if the wind's blowing in Texas and it
17 isn't here, you can import some of that energy. And we can't
18 do that now. I don't even know if we can deliver the
19 technology, certainly not in the wires that carry the
20 energy.

21 So anyway, I think that this is a good effort and
22 I don't mean to be critical but I have really a lot of
23 concerns about it. I think that it has narrowed its vision
24 of possibilities way too much on conservation of renewables.

25 In our state, in Oregon, conservation doesn't

1 count for meeting renewable portfolio standards. By 2025 I
2 have to be at least 10 percent renewable resources, no
3 matter how much conservation I have. That alone is going to
4 bring on generation.

5 So I would really urge you to relook at the
6 balancing and the value and the reliability outcomes, which
7 is really important to distribution managers like myself.
8 We have a wonderful legacy here and we ought to be able to
9 leverage what we have into a future that we all want.

10 The last comment I have on conservation is, I
11 really urge you to tell Bonneville to get out of our way.
12 Our world is changing so dramatically that Bonneville is not
13 helping in conservation. Now, I know that -- For the
14 utilities that want to use Bonneville, more power to them.
15 We think that we can -- We have proven we can do a far
16 better job when it comes to conservation, and I hope others
17 will address this issue, but you're the only one who can get
18 Bonneville to be as flexible as you called for. You said,
19 "shall be flexible."

20 When you call for some of these reports, challenge
21 us to do it. When the Council was created we envisioned a
22 future where Bonneville would meet load growth, meld it with
23 the federal base system and just see how it worked out.
24 Well, that didn't happen and now we've allocated the federal
25 base system. Everyone is responsible for meeting their load

1 growth, either through a Bonneville product or other
2 resources or some combination. And Bonneville's really
3 struggling with how to figure out how to integrate our
4 resources. But that's the future.

5 We have the greatest incentive that we've ever had
6 on doing conservation and we know how to price it because
7 it's real clear what the alternative is. Bonneville's not
8 helping us. The flexibility that we need -- Bonneville is
9 not noted for flexibility. They're noted for a lot of
10 things but that's not one of them, and you can help us be
11 more successful on that. And I'll take the challenge.

12 Thank you.

13 **MEMBER KARIER:** Next up is Darroll Clark. Welcome,
14 Darroll.

15 **MR. CLARK:** I'm Darroll Clark and I work at
16 Franklin PUD. This my service area right here. I've been
17 in conservation for over 20 -- Well, I've been in Bonneville
18 conservation stuff for 26 years and conservation even longer
19 than that. Anyway, here today, to get to the point, I too
20 want to -- or we, Franklin PUD, want to express our
21 appreciation for the Council and their staff's very hard
22 work, very diligent. Like Tom Eckman. I just marvel at how
23 much time and effort he puts in in a very consciousness
24 manner and that's reflected by, I think, most of the Council
25 staff.

1 And we, Franklin PUD, also agree and believe in
2 conservation and it is the least cost, least risk resource
3 and we agree pretty much with the numbers as conservation
4 lands on the chart there that we saw. And we certainly want
5 to provide the lowest, least-cost resource to our customers.

6 I like the fact that the Council's plan looking
7 out lots of years and having a five-year action plan gives
8 us direction. It gives us a focus. It gives us things to
9 talk about such as this so that we can have a good regional
10 dialogue on it, and so for many reasons I just wanted to,
11 and Franklin PUD wants to, extend appreciation of the hard
12 work the Council puts in.

13 I really appreciate, and the PUD really
14 appreciates, the flexibility that has been given in the plan
15 to show that there's a reality in the plan that the regional
16 plan is different than what might be in my service
17 territory. The reason is looking for that average utility
18 out there and almost no utility is going to be an average
19 utility. And so there needs to be that flexibility in there
20 and we appreciate it whenever we see that in there.

21 I want to say that we really appreciate the fact
22 that there was -- At one time there was just one target and
23 now there's a range of targets. It goes from 1200, I
24 believe, or something like that, to 1400 average megawatts,
25 and we like that flexibility. We like that range idea.

1 There are some concerns, however, that those
2 targets are a little high, and I'll give you an example. In
3 my service territory, we -- for a three-year budget on
4 Bonneville's program, we had a \$1.2 million budget for the
5 three years. We went through that and then we added \$1.1
6 million of our own that's in the pipeline right now beyond
7 that.

8 So that's almost double what the Bonneville CRC
9 was set at and yet if I look at our load growth, we would
10 have to do 2.3 times that much to meet our load growth and
11 that certainly wouldn't even come close to the 85 percent
12 that's projected. So there is kind of a gut-level concern
13 that that target might be a little bit optimistic because we
14 think that we are fairly aggressive right now and that would
15 be quite a bit more aggression, actually, toward the target.

16 We want to say that since I-937 and BPA and the
17 Council are all different entities but we have a common
18 mission, we need to be congruent in the way that we do that
19 to make sure that we're not creating problems where they
20 don't need to exist so that we can have some congruency
21 there.

22 We're not sure that BPA -- I mean, we think BPA is
23 the right forum for talking about how the costs should be
24 allocated. We think that's a more appropriate place for
25 that kind of discussion than in the power plan.

1 And I just have one final comment, and this is
2 just a language concern but I think it really needs to be
3 looked at. It says on Conservation dash 11 in the plan, "In
4 recognition of higher goal for industrial sector
5 conservation, develop and implement a comprehensive strategy
6 to improve the energy efficiency and economic
7 competitiveness of industries in the region."

8 I think that language is really not right in that
9 it says that you want to have a strategy to increase the --
10 to improve the economic competitiveness and I think that
11 goes beyond the scope of what the Council should be about.
12 The Council should be about energy efficiency. And in that
13 that may increase industrial competitiveness, that's fine,
14 but to develop it -- because of the word "and," it says that
15 you're trying to do both of those things; develop a strategy
16 for economic competitiveness, and I think we should leave
17 that to our industrial customers and our other customers
18 rather than getting into their -- You know, because what's
19 competitive for them might include more than energy and I
20 think we should just stay with electric energy in the plan.
21 Thank you very much.

22 **MEMBER KARIER:** Thank you Darroll. Jim Sanders?
23 Welcome, Jim. And I want to remind people that we'll take
24 as much time as we need. At the end of this I'll see if
25 there's anybody that wants to speak that did not sign up so

1 you'll have an opportunity at the end as well. Go ahead,
2 Jim.

3 **MR. SANDERS:** My name is Jim Sanders. I'm the
4 general manager of Benton PUD. In other roles I'm also the
5 chair of the PNNCC, executive for the board. I'm not
6 speaking for them. I'm also the chair of the Washington PUD
7 and Energy Committee. I'm not speaking for them. So I'm
8 here strictly for the Benton PUD. Like others, I want to
9 thank you for the opportunity to comment tonight.

10 And first, accolades. The last 18 months to two
11 years have been a, we feel, very collaborative effort in
12 putting the plan together. We appreciate the Council's and
13 the staff's willingness to talk with us and to have a
14 conversation as the plans develop, so thank you for that.

15 I do have a few comments. We'll follow up with
16 written comments later after somebody in the organization
17 has had the chance to read the 600 and some odd pages of the
18 plan. So the Sixth Plan, I do appreciate it. It does
19 address the same challenges that we see going forward.

20 Energy needs of the Northwest and Benton PUD are
21 increasing. New resources, including conservation and new
22 technologies, are solutions to meeting that growing need and
23 as we meet the growing energy needs, it's going to cost us
24 more. And we're in the process of getting that information
25 out to our customers and we appreciate it being recognized

1 in the plan.

2 Also appreciate the plan's -- I think it's been
3 referred to as flexibility, the recognition that each
4 individual utility's needs and the way they're going to meet
5 those needs are going to be a little bit different, and the
6 plan allows for that.

7 So I'd like to spend a little time talking with
8 you about what Benton PUD is doing and how we see the plan
9 affecting us going forward. We have been doing conservation
10 since the first power plant in 1981 and we've spent some \$29
11 million to acquire about 145,000 megawatt hours of
12 conservation. We ramped up our conservation effort to meet
13 the requirements of the state's Energy Independence Act, but
14 also because conservation is the least cost resource. We
15 see that in our integrated resource plan.

16 And I appreciate the nod in the plan towards how
17 that Sixth Plan and the Energy Independence Act and us
18 putting together our conservation plans will be influenced.
19 So I appreciate the work that you all have done on that.
20 It's helpful. If I understand what's in there. So anyway,
21 thank you.

22 For 2010, next year, we expect to increase our
23 budget to about two and a half million dollars. A majority
24 of that will be self-funded conservation. Some will come
25 from Bonneville but it's about a 250 percent increase over

1 what we're doing this year. The conservation programs will
2 include incentives to customers to make improvements to
3 homes and business and all those will have a long-term
4 energy savings.

5 Customer education is also part of our plan. We
6 want to work to influence the overall behavior of these
7 customers on energy use. The market transformation that's
8 included in the Sixth Plan is difficult for Benton PUD to
9 influence. We will do what we can through public education.

10 We're also advocates for building code changes,
11 but again, we can do little to affect those. We can educate
12 and inform but it takes time to get these mandates through.
13 And as you've heard, when homes, buildings are inspected,
14 health and safety is the primary consideration. Energy
15 efficiency is an enforcement challenge. So we'll work with
16 the Council to make sure that the codes are properly
17 enforced.

18 Like others, we do have some concerns about the
19 conservation target in the Sixth Plan. While conservation
20 is a low-cost resource, the plan's reliance on meeting a
21 significant portion of the load growth with conservation
22 appears to be aggressive, and we're concerned whether it's
23 achievable or not. It's our view that 1000 average
24 megawatts as a maximum, not the 1100 as a minimum, perhaps
25 is the appropriate target.

1 And we do appreciate the Council's recognition of
2 the inherent uncertainty in the amount of conservation that
3 would be accomplished in the next five years. And we see
4 this indicated by the plan providing a range of conservation
5 savings instead of a specific target and by allowing for a
6 midterm review of the effectiveness of the acquisition.

7 Having said that, we still have concerns over the
8 availability of certain measures, lead time to develop and
9 implement programs to distribute those measures, and the
10 effect of the current economic conditions. Things are tough
11 for our customers right now.

12 We do have one concern about the Sixth Plan seems
13 to indicate that Bonneville is to be the enforcer and
14 guarantor of the conservation targets. We believe it's
15 inappropriate for the Council to determine how Bonneville
16 costs are allocated. Leave that to the rate cases and allow
17 those conservation costs to be allocated there at the rate
18 case among tier 1 or tier 2.

19 In addition to the renewable hydro power that
20 comprises over 85 percent of Benton PUD's fuel mix, other
21 renewables are an important component of our power resource
22 strategy. Benton PUD has purchased three average megawatts
23 of the White Creek Project, three average megawatts from
24 Nine Canyon. So right now we are in a position to meet the
25 three percent mandate in 2012 that is listed in the Energy

1 Independence Act. The nine percent in 2015, fifteen percent
2 in 2020, we will work towards that as we go forward.

3 The Council's plan relies heavily on wind to meet
4 the future energy needs and this approach presents risks in
5 putting kind of all of the eggs in one basket. And the plan
6 does focus on a least-risk scenario and we're concerned that
7 perhaps the plan hasn't sufficiently assessed the risk
8 behind the windy, and I would say gassy, future that we've
9 got ahead of us.

10 The plan should also advocate for using the hydro
11 system as efficiently and effectively as possible. The plan
12 should include action items to gain generated capability
13 from the existing hydro system. It's important to maintain
14 the output of this carbon-free, low-cost resource. We do
15 appreciate the plan's recognition of the value of the
16 existing hydro system and that there would be heavy carbon
17 costs associated with eliminating generation at any of the
18 dams or removal of any of the four Snake River Dams.

19 Additionally we appreciate the look at what I
20 would call emerging technologies. Steve alluded to the
21 smart grid. You may be aware that Battelle here,
22 headquartered in Richland, is the prime sponsor for a smart
23 grid demonstration project. Benton PUD is one of 12 load-
24 serving utilities that are participating with Bonneville and
25 I've got a flier for you that I'll leave with you and I

1 think that this is -- We are seeking stimulus dollars, the
2 1304 funding for that.

3 The final decision will be made by DOE later this
4 year but we think that the information gained from those
5 demonstration projects will serve the Council well as we go
6 forward.

7 So again, we appreciate the collaborative effort.
8 We appreciate you being here in the Tri-Cities. You guys
9 don't get here very often. It's great to have you and we
10 look forward to continued participation in the plan
11 development, so thank you.

12 **MEMBER KARIER:** Next up, Jim Timmons. Welcome.

13 **MR. TIMMONS:** My name is Jim Timmons. I'm here
14 representing myself. I teach economics at Washington State
15 University, Tri-Cities. I also sit on the Washington
16 Environmental Council.

17 First of all, I'd like to praise the plan and hard
18 work that's gone into this. It's remarkable you've come up
19 with a long-term plan showing there's no need for new fossil
20 plants and I can't do anything except applaud you on that.
21 That's something that in my mind is something I've worried
22 about a lot in the Northwest.

23 That said, I also recognize that carbon emissions
24 are going to be one of the largest pollutants that we're
25 going to be looking at, and while you recognize that moving

1 from coal to natural gas-fired plants is something that's
2 going to reduce it, I don't see anything in the plan where
3 there's any discussion of actually limiting carbon in toto
4 in the region.

5 So I don't see a cap on that or plan for
6 reduction. Recognizing that the science and the politics
7 are moving in a direction where carbon is going to start
8 costing more and future planning for any new plants are
9 going to have to take that into consideration as some sort
10 of pricing prediction. Teaching economics I know how hard
11 that is to predict but some sort of guideline that utilities
12 should be following, recognizing that there will be future
13 costs if carbon becomes costly.

14 So I praise for you for the inclusion of
15 conservation, which by the way, the number that you come up
16 with is both absolutely remarkable and appropriate, I think,
17 considering the issues of the day and the circumstances we
18 find ourselves in. We have a remarkably nice place here and
19 we want to keep it that way and we can all do a little bit
20 more work and buy a little sharper in order to get as much
21 conservation as possible.

22 My wife and I just bought a new refrigerator,
23 which is going to use less than a quarter of the electricity
24 than our old one had. Granted, it was an old one but we're
25 starting to do that. And simple things -- And my REA has

1 helped out with some suggestions. Just keeping our air
2 conditioner filters clean has reduced our power usage
3 enormously.

4 So it's obvious that there's a lot of elasticity
5 in there. There's a lot of gap. You guys know this. That's
6 why you put these numbers up here. There is some indication
7 that it could go even further than that and that's why I ask
8 that you consider carbon and capping that, because we can
9 replace that with, as we have been told here, the least-cost
10 resource, which is conservation.

11 Well, thank you very much for this opportunity.

12 **MEMBER KARIER:** Thank you, Jim. Next is Boyd
13 Wilson.

14 **MR. WILSON:** I'm Boyd Wilson with Bonneville
15 power. I'm going to pass. I got my question in so that's
16 it for me today.

17 **MEMBER KARIER:** Rich Sergeant?

18 **MR. SERGEANT:** I'm Rich Sergeant. I'm also with
19 Franklin PUD. This is our service territory and we
20 appreciate the opportunity to be here and make comments and
21 I'll also confess I haven't read the full packet yet on the
22 Sixth Power Plan, but it is a daunting task to do.

23 You know, we're here to try to maintain our cost
24 effective power and maintain also our environmental impact
25 and minimize those with the rivers. And most importantly, I

1 think, have a reliable system for our customers. That's a
2 tough challenge and I would like to make a few comments.

3 First off, in reviewing some of the information
4 that I've read in here, the BPA receives revenues and we
5 have a power act that requires us to have certain fish flows
6 in the river for the fish. That's appropriate to do and
7 we're required to do that. In doing so, that minimizes some
8 the surplus sales that the BPA has and the revenues that we
9 have, and by minimizing those sales, that increases our
10 costs as a consumer and the cost for generation because of
11 lost generation.

12 In the plan what I see is that that lost
13 generation and the estimates are based upon a PF rate, and
14 that's a rate for utilities and it's calculated upon that,
15 and I don't think that adequately represents the true cost
16 of the lost generation. It should be based upon more of a
17 market rate and that would --

18 In the plan it estimates the cost of the lost
19 generation of approximately 20 percent, and that's the cost
20 to the BPA. And I think if we were to review that
21 additional and use more of a market approach, the cost of
22 fish and wildlife programs would maybe go up to 30 percent
23 on that. So that's one aspect that I think we have to take
24 a look at.

25 I'd also like to respond, and I may reiterate some

1 of the things that some of the other people have said, Jim
2 and others, but with the wind and the RPS resources I think
3 definitely more analysis is needed on that and we are
4 putting all of our eggs in one basket and relying upon the
5 wind to meet all of our standards. And I think there's also
6 some consequences with that, especially unreliability.

7 Franklin, we contract 20 megawatts of capacity
8 with the two wind farms and here in just our last July we
9 hit a peak load. So during that day I could have had and
10 purchase up to 480 megawatts of wind had it been blowing.
11 That day I received 4. So wind does not match, in the
12 Northwest, our loads, the summer peaking loads very well.

13 I tend to joke to say that the wind tends to
14 follow the flow of the river. When the river's flowing and
15 we have lots of generation there, that's when we get all of
16 our wind. We've had to sell -- We've sold in negative
17 dollars. So, you know, we need to find other ways to meet
18 our RPS, and I think the plan needs to look at that as well.
19 Biogas or something, something that's firm. Wind is not
20 firm and you have to back it up. So there's a cost in doing
21 that, let alone the transmission.

22 And I think the plan also needs a hard look at
23 nuclear power. We do want to address carbon costs and
24 reduction of carbon and the plan does talk a little bit but
25 it kind of indicates that nuclear is not the most cost

1 effective and, you know, if you take everything into account
2 I think it's very reasonable, and I think I would appreciate
3 some more approach in looking at that. We at Franklin are
4 doing so and I think we just need to get the public to
5 understand it more fully as well and it could be a very
6 viable thing.

7 In regards to the carbon costs, we do appreciate
8 the sensitivity of that and reviewing that but that's going
9 to be dependent upon legislation and the outcome of certain
10 legislation and this plan -- I think it's wrong to be real
11 speculative in some of the assumptions in that and in doing
12 so we have -- You know, it may erroneously affect some of
13 the modeling that we have there. Carbon costs could be
14 coming but I think we need to take a broader look at that as
15 well.

16 So again, I thank you for the opportunity to come
17 here and make these certain points. I really, from what
18 I've read, I think there's a real thoughtful process in this
19 and there's been a lot of good work done in this draft plan
20 and I think by having these comments, that's great.

21 **MEMBER KARIER:** Thank you, Rich. Mike Poulson is
22 crossed off here as well. So next would be -- I think it's
23 S. Nelson on the list.

24 **AUDIENCE MEMBER:** I think he's going to be crossed
25 off too.

1 **MEMBER KARIER:** OK. Chris Johnson?

2 **MR. JOHNSON:** We'll stay with the trend. You
3 can cross me off.

4 **MEMBER KARIER:** This shouldn't be like a virus.
5 Ray Sieler?

6 **MR. SIELER:** I'll go ahead.

7 **MEMBER KARIER:** OK. Welcome, Ray.

8 **MR. SIELER:** I'm Ray Sieler, Director of Energy
9 Services, City of Richland. Pleasure to come before you
10 this evening. I guess some of what I have to say is
11 actually probably a duplicate of what's been previously
12 said, so I won't elaborate on all of it in detail as some
13 have but I would like to thank the Council and their staff
14 for, I think, putting together a collaborative effort in
15 accomplishing the goals that are set out in the Sixth Power
16 Plan.

17 I think one of the things that -- Certainly the
18 city of Richland recognizes conservation, as does the
19 Council, as being one of the most important and cost-
20 effective resources that it has, and the city of Richland
21 has actually gone and ramped up it's conservation program to
22 improve our efforts and actually doubled our conservation
23 effort in the upcoming year. So we see that trend to
24 continue. As we look at tier 2 power for load growth in the
25 future, this becomes a very cost-effective measure for the

1 city of Richland. And we continue to have a growth which
2 we've been fortunate as some of the other areas have been.

3 I will say in reference to -- As we look at your
4 five-year plan you had a range of, and goal if I recall, of
5 1100 to 1400, in that range. I would say that that's a
6 fairly aggressive number and we would actually think that
7 even 1000 on the low end was probably more appropriate but
8 still even very aggressive. So I think that's an area that
9 would probably need to be looked at.

10 It's also been mentioned, and I certainly agree,
11 that probably nuclear is an area that probably needs more
12 attention and consideration in the future in reference to
13 the power plan.

14 Also, the programs, when we look at fish costs and
15 the programs associated with that becoming more and more of
16 a major issue for all of the utilities and specifically for
17 the city of Richland -- But I think when you look at your
18 draft plan, the value of your lost generation, I think it
19 has been mentioned, should be based on the market and not
20 the PF rate, so I think that's something that the Council
21 should consider as they review their upcoming plan.

22 I would urge, and I appreciate, as I stated
23 earlier, the collaborative effort with the Council, with the
24 utilities, and all the stakeholders involved, and I
25 appreciate you coming to the Tri-Cities. I guess we're

1 first so it's an honor, I guess, but short preparation in
2 getting prepared for it. Haven't looked at the entire plan
3 but certainly hope to look at it in its entirety.

4 But I will say I would urge the Council and the
5 members of the Council, as they look at the final draft, to
6 review not only a lot of the draft but a lot of the
7 appendices involved, because I think that's, a lot of times,
8 where the information really is stored, and I urge all the
9 Council to certainly take a look at that as they head down
10 this path, and I appreciate you coming to the Tri-Cities.

11 Thank you.

12 **MEMBER KARIER:** Thank you, Ray. And last on my
13 list is Pat McDaniel. Welcome, Pat.

14 MR. McDANIEL: Thank you. I'm going to come across a
15 little different than some of these other people that have
16 been talking here.

17 **MEMBER KARIER:** If you could state your name and
18 who you represent?

19 MR. McDANIEL: My name is Pat McDaniel and I'm with a
20 company called Bayside USA. We develop hydro electric
21 plants and that's our -- what we do, OK.

22 Now, when I listen to most of these guys talk up here,
23 I go: My god, what is going on with this world that we live
24 in? Why aren't we talking about free energy? You know what
25 free energy is? Waste water, flowing water. Do you know

1 how many fish are going over the dams right now?

2 It's unbelievable. But we're sitting here like a bunch
3 of dumb dummies and going: Oh, we got to go along with this
4 thing. No. If I was running this show, I would look at
5 nuclear power. How long has it been here in the Tri-Cities?
6 How long have we been eating off of it? Forever.

7 Every guy in here -- Or do you know about nuclear
8 energy? How many people in here know about nuclear energy?
9 Oh God, look at 'em. OK. How many people recognize the
10 dams that we have up the river?

11 **MR. DUPUY:** Renewable power.

12 MR. McDANIEL: Yeah. Renewable power. It's there.
13 We should be utilizing that, not playing a game with
14 ourselves with this wind energy. Have you ever driven up
15 and looked at all the crap that's up there on the hills?
16 People can't walk up there. They can't shoot a gun up
17 there. They can't do nothing up there. It is cut off
18 because we're generating wind energy.

19 These are the most ugliest looking things there is
20 and we drive by them every day and have to look at them.
21 It's a bunch of BS. Now, I've heard from Franklin County.
22 I've heard from, oh -- Oh, let's get natural gas down here.
23 What would it cost us to get natural gas down here? Where
24 does our natural gas come from? Do any of you know? If you
25 do, raise your hand. Most of it comes from Canada, not from

1 the United States. We buy that stuff.

2 Now, what if we put in a couple more dams here?
3 What does it create? Recreational facilities. It adds
4 value to property. It adds -- More people can build homes
5 on the river. It just -- The list goes on. But we're being
6 controlled by this -- What is it? What do you call it?

7 **MR. DUPUY:** Bureaucracy.

8 **MR. McDANIEL:** Not bureaucracy. It's green
9 environmentalism. Isn't that a sick thing for us as human
10 beings to be controlled by that kind of stuff, and we have
11 to sit here and absorb whatever they say. As far as I'm
12 concerned, as one individual, and I'm going to show you
13 something. Do you recognize this (indicating)? I'm going
14 to put it on. This is Ronald Reagan.

15 Did we go through this crap? No. What should we
16 be doing? As human beings -- And we talk about these carbon
17 credits. Now, you tell me, sir, when we built the power
18 plant down at Boardman, how much has our carbon gone up in
19 this area? That's a coal-fired plant.

20 My trouble is, is most of the people here have not
21 worked around carbon-producing facilities. They have --
22 They've worked their butts off to try to keep this stuff
23 down. They don't want it anymore than we do but we as
24 individuals have got to realize the long-term process of
25 life.

1 Let's say we're doing this green energy stuff
2 today, OK? Oh, we're going to convert all of our cars over.
3 Do you realize how long that would take? 50 years. We've
4 got trucks. We've got cars. We've got this. We've got
5 caterpillars. We've got this. We've got that, all that run
6 on power. What we need to be doing is drilling, drilling,
7 drilling. Quit worrying about this carbon stuff. That --
8 It's immaterial.

9 You know, our lives go on whether we're in -- It
10 doesn't matter. This world is what it is. Now, if China is
11 putting more carbon out, if India is putting more carbon
12 out, or another country is putting more carbon out, what are
13 we supposed to do, just go suck in, we're not going to do
14 it? If everybody in the world would say: Oh, OK. We're
15 going to do green energy. It's 50 years, 60 years, 100
16 years. None of you guys will be here. You'll be dead,
17 gone.

18 This isn't a game we're playing. You guys think
19 it is by being Mr. Good Guy, we're going to be green energy
20 people. We are going to save the world. You're not.
21 You're kidding yourselves. The world is going to go on and
22 on and on. You've seen it. How long do you think you have
23 to live? I'm asking you a question.

24 **MEMBER KARIER:** Actually --

25 MR. McDANIEL: Ten years? Moot. Any one of us

1 sitting in this room, 20 years max. And we're going to save
2 the world by doing this green energy. If that ain't a bunch
3 of crap, I don't know what is. And I just sat here and I
4 listened to this stuff.

5 Now, do I believe in green energy, power plants,
6 hydro electric power? A-1. It's free energy. Nuclear
7 power plants, we have one out here. Have we ever had an
8 accident? No. How many -- We've had one accident in the
9 United States. We've had some little blips but once that
10 thing gets on-line, look at what we're doing as subsidizing
11 these windmills.

12 Can I ask you a question? How much do you pay for
13 windmill power?

14 **MEMBER KARIER:** Actually, sir, if you could focus
15 on the power plan comments and not --

16 MR. McDANIEL: Well, what I want to do is get this on
17 the record what they are paying for the power, how much the
18 federal government is subsidizing on the power, the
19 windmills.

20 Now, if I went out and put a little power plant
21 in, would I get subsidized? No. I would? Show me. Because
22 I went to Congress last year and they revoked that decision.

23 **MEMBER KARIER:** Actually --

24 MR. McDANIEL: I'm a little bit irritated about this
25 whole dam thing that we're going through here. This needs

1 to be people whose got enough guts to stand up here and say
2 what they believe and not go along with the state of
3 Washington or the state of whatever. We've got to say what
4 we believe in and stand up for it.

5 Now, I just -- I'm appalled. I listened to some of
6 these. I took them down and I don't want to repeat them,
7 but I took notes here that: We're so glad that you guys are
8 going along and we're committed to your plan. I'm not
9 committed to it. I think it's a bunch of BS.

10 **MR. DUPUY:** Let the rest of us say something
11 about that, too.

12 **MR. McDANIEL:** All righty. You've got a good point
13 there. I've blabbed enough so -- All righty.

14 **MEMBER KARIER:** OK. Thank you. That concludes
15 the -- Oh, we have one more on the list. Craig Conner. And
16 then I'll open it up for the audience. Everyone will have a
17 chance.

18 **MR. CONNER:** Thank you for the opportunity to
19 say something. Craig Conner here. I wanted to commend you,
20 first of all, for counseling for the long-term, putting
21 efficiency and generation on a parallel and choosing the
22 best among those two. That's routinely what your plan does
23 and it should be applauded as a national leader.

24 I think that this region has been a national
25 leader by taking the best mix of efficiency and generation

1 that's available. I don't really care whether we call this
2 green to save energy, call it national security, call it we
3 don't want to transfer anymore wealth to Saudi, Arabia, call
4 it save some oil and whatever for the grandchildren.

5 Any of those is fine but a substantial piece is no
6 coal and lots more wind but that's not my area of expertise.
7 I work primarily in developing building codes, energy-
8 related building codes. Not so much in the state; I'm at
9 the national level.

10 There are substantial changes coming. They came
11 in the 2009 IECC. It's about 15 percent more efficient than
12 the previous. I expect the next one to be about 15 percent
13 more efficient than that, and if the legislation, Congress,
14 gets its way we'll add another 20 the following. So there's
15 going to be substantial increases that are possible and even
16 mandated according to the national codes.

17 The time to get buildings right is when you build
18 them. New buildings become old. If we can continue
19 aggressively installing conservation in new buildings, I
20 think that would be a major accomplishment. This region has
21 led, especially Washington and Oregon having leaders in that
22 regard. I'm not complaining. I'm just saying there's a lot
23 more of that that's available.

24 We should probably, in my view, get off our
25 regional code and get on the national modeling code now that

1 they're catching it. It's an opportunity to bring the
2 expertise and what's learned in the state, which is
3 considerable, and make it, to a high degree, apply
4 nationally too, plus make it easier.

5 I agree that codes not being used is a problem. I
6 don't think that enforcement per se is the issue. The issue
7 to me is to keep this code simple enough that they're easy
8 to enforce. It's easy to enforce and they're almost no-
9 brainers. I'll give one example from the national model
10 code. Prior to 2003 and before, the codes required a
11 complicated calculation of window area that really went
12 beyond what the code official or even the builder wanted to
13 do.

14 The new codes at the national level, pretty much at the
15 state level too, say: I don't care how much window you
16 have, you can have as much as you want but it's going to be
17 a very good one. When you say it that way, when you make it
18 simple and clear, what happens is the manufacturers
19 themselves enforce it simply because if they sell a non-
20 complying window into an area, they will never sell to that
21 builder again. In other words, it's simple enough that they
22 can look at it, they can know what product meets it, and
23 they can make that happen.

24 I'd like to give one specific example that I think
25 would be highly cost-effective. As part of the building

1 codes there are certain things that are within the scope and
2 not within the scope. The federal government has taken
3 preemptively the ability to set requirements for equipment
4 efficiency to itself and then done a very bad job, a very
5 slow job, really not being effective.

6 All that needs to happen is that the legislation,
7 which has passed the house in this regard -- and I'd be
8 happy to tell you which piece of the legislation, it's just
9 a few sentences -- needs to say that not only can the
10 federal government set it but any state or jurisdiction that
11 has the authority to set a building code could also set it
12 and requirements for equipment efficiency. You would
13 rapidly see requirements in building codes propagating down
14 from the state or the national level that would be enforced
15 through the same structure and it becomes a very simple
16 item.

17 Again, it's really a manufacturer-oriented
18 requirement. The manufactures won't sell twice to the same
19 builder if they sell them equipment that doesn't meet code,
20 in other words, doesn't meet -- As an individual unit, get
21 an air condition of a certain size it has a certain
22 requirement. If those could be set, if the jurisdictions
23 having the authority to set a building code could also have
24 that authority, we could see a lot of rapid gains.

25 Again, that's already passed the house. It might

1 be a matter of taking those few sentences out of the
2 comprehensive energy legislation. I don't know if it's
3 going to be passed. But they would have broad support among
4 all the green and national security and whatever handle you
5 want to do. The only folks that are really against it are
6 the equipment makers and they would stand alone.

7 **MEMBER KARIER:** Did you identify who you were
8 representing?

9 **MR. CONNER:** Myself.

10 **MEMBER KARIER:** Thank you. So I'd like to open it
11 up for anyone else, and you had your hand up a couple times
12 so you're welcome to come up, sir. If you could state your
13 name and --

14 **MR. DUPUY:** I can. My name's Rob Dupuy. I
15 ran for fourth district congressman in '84 and '86 against
16 Sid Morrison. I've been following the Northwest Power
17 Planning Council for just about 30 years. I think that's
18 how long it's been in existence, and I just have to laugh
19 myself silly. You guys have not generated one watt or
20 facilitated the generation of one watt of electricity.

21 I think of your conservation program sort of like
22 if you think of all the plants in the Northwest, think of
23 that as a hamburger patty. What you're talking about is
24 forced starvation over the next few years by dividing the
25 patty into smaller and smaller chunks and you're spending

1 all sorts of money telling people how to eat their little
2 tiny bit of a hamburger. I think that's absolutely
3 ludicrous.

4 We talk about carbon penalties. I don't know if
5 you saw our paper in the last couple days but there was a
6 drug bust out in Kahlotus, and in the article it mentioned
7 that in this underground environment where this guy was
8 growing pot, he had carbon dioxide generators. Now, what
9 the heck would he have a carbon dioxide generator for except
10 that that is the fertilizer for plants.

11 A friend of mine had a greenhouse out on Road 68.
12 He grew the most luscious tomatoes in this area by raising
13 the carbon dioxide content in the greenhouse; closed it off,
14 raised the content, grew luscious tomatoes.

15 Carbon dioxide comes out of the air. You can get
16 as much as you want just by cooling the air and condensing
17 it. Why sequester it? It's already sequestered in the
18 atmosphere.

19 What we need for a plan for the Northwest is first
20 of all to use hydro as a base power, use the heck out of it.
21 Then let's start augmenting it on a regular basis with mass
22 produced, small nuclear power plants built here at Hanford.
23 Somewhere on the -- not these 1100, 1200, 1500 megawatt
24 units that if they slow down the rotors warp and they cost a
25 million -- all sorts of money to improve.

1 Let's build 200 to 500 megawatt units, mass
2 produced just like cookies, here at Hanford. You put them
3 on a train car, you put them on a truck, you take them to
4 every major city and you start ringing the city with these
5 nuclear power plants, bringing them up, raising the size of
6 the power base, starting with hydro, going to nuclear. The
7 employment increase in the Tri-Cities would be appreciated,
8 I'm sure, by just everyone here.

9 This business of doing it all the wrong way just
10 drives me nuts. We would not be able to afford windmills.
11 Because of the subsidies -- That's the only reason we have
12 them, because of all the subsidies. And the ethanol plants,
13 the only reason we had those was because of subsidies.
14 Somebody's making a heck of a lot of money off of subsidies
15 and who's getting to pay for it? Everyone of us in this
16 room.

17 I see no reason to be having these windmills.
18 Let's build the small nuclear power plants and distribute
19 them everywhere and just raise -- enlarge our power base.
20 Hydro is renewable. Whoever got that in legislation that it
21 was not renewable and that we have to sell it to California
22 so they can use it has got to be a fool, and there's lots of
23 fools.

24 I would suggest that you get on the nuclear track
25 and let's start producing power here in the Northwest so

1 people can be employed in all sorts of things without the
2 government telling us what we can and cannot do. You just
3 make lots of power available as cheaply as possible and let
4 the private sector then start enjoying cheap electricity.
5 It's not cheap in quality. It's just cheap in production
6 when you mass produce it.

7 If you make one power plant or five power plants
8 like we did with WPPSS, every one of them different, every
9 one of them a prototype, ever one as expensive as could
10 possibly be made, you're not going to have nuclear power.
11 But if you start mass producing identical plants just like
12 your wives make cookies at home, then nuclear power will be
13 successful. That's the only way out of this problem.

14 I appreciate -- I guess I don't appreciate you
15 being here. I am upset that you guys just keep doing the
16 same thing over and over. It's like the federal level.
17 Everything that's done is done wrong. That's what BPA is
18 doing.

19 I got a note from Chuck Hall of the Franklin
20 County PUD talking about BPA buying power and selling it to
21 Alcoa at less than the cost that it costs us. Who's so
22 stupid to do that? Alcoa is a multinational corporation.
23 They don't need the benefit of raping the taxpayers and the
24 rate payers.

25 I'm not very politically correct and I don't

1 apologize.

2 **MEMBER KARIER:** Is there anyone else that would
3 like to speak?

4 **MR. HOLDER:** My name's Carl Holder. I live in
5 Pasco and I talk for myself. I have a building in downtown
6 Pasco that was built in 1934 and personally I've been
7 conserving electricity as a retail consumer since Jimmy
8 Carter came out in his sweater saying we need to conserve so
9 I find it a little bit distasteful to read that we're going
10 to be required to conserve more because I already feel like
11 I've worked at conservation all the time and I don't know
12 where that marginal conservation that you're asking for is
13 going to come from and I don't think the individual people
14 out there are so dumb to think that they're not doing their
15 part already in conserving.

16 That extra bit of conservation for me is going to
17 come at a tremendous cost and I look at it all the time, the
18 insulation and the changing of the windows and all of that
19 will never pay back economically unless the rates of
20 electricity go sky high.

21 I've been a manufacturer of commodities in the
22 past where you use refrigeration for freezing. You use
23 refrigeration for storing material. You use trucks on the
24 highway. You use electric fork lifts. And I can tell you
25 that it was a daily part of our efficiency expertise to be

1 able to conserve in all ways possible so that we could be
2 competitive with the people that were ready to put us out of
3 business if we were not.

4 My problem with what you have here is that you are
5 forcing us with the cost of power coming down the pike to
6 not be competitive with the manufacturers, with the people
7 in China, with the people in Russia, with the people in
8 India and Korea and Japan. In all these places they're
9 building tens of nuclear power plants.

10 They're building hundreds of nuclear power plants
11 in China. They're building tens in Korea. They're building
12 hundreds in Japan. They're building them in Malaysia.
13 They're building them in Russia. They're building them in
14 India. They're building them in the European Union, and
15 they're starting to think about building them in other
16 places in the United States. So why can't we at least
17 consider that they should be built here?

18 It just, to me, doesn't seem logical that the
19 lowest-cost, longest-term steady state electricity coming
20 from nuclear power is really not considered here. We're
21 going to take that and substitute that kind of major base
22 load electricity and we're going to substitute that with
23 conservation? We're going to substitute it with wind? I
24 mean, the wind doesn't blow here half the time.

25 And, if you're saying: OK well, we can use the dams,

1 you're right. We can use the dams to balance this energy.
2 We can use the dams to pump water up and we can store it
3 behind the dams, but if you drive down to McNary, you see
4 that the dams are spilling water. It's the hottest day of
5 the year and we're spilling water out of McNary Dam to wash
6 the fish down. It doesn't make sense.

7 The biologists say that the problem with the fish isn't
8 here. It's out in the ocean. So what are we spilling the
9 water for? Why don't you address that? What is the true
10 cost? Franklin Count PUD said: What is the true cost of
11 spilling water at McNary? The consumers really ought to
12 know how many megawatts are lost every day and how much it
13 costs them and how much it costs to replace that with wind
14 energy.

15 Well, anyway, I just wanted to make sure that we really
16 understand here, when you talk about efficiency,
17 conservation, and the ability for the manufacturers in this
18 area to compete, not on the local level but on the
19 international level. The way it looks like to me, this
20 policy will be a self-fulfilling prophecy because the cost
21 of electricity will be so high that the manufacturers will
22 have all gone away. There won't be any people here, and
23 you'll say: Wow, we didn't have to generate one more
24 megawatt of power and guess what, we've conserved all this
25 energy.

1 So I think that before you jump into the level of
2 conservation, which basically everybody has said that they
3 think your conservation numbers are way out there on the
4 aggressive side, and from the generation side you are
5 building in, you know, 17,000 megawatts on wind energy which
6 the Franklin PUD basically said you can't count on. So
7 between the two of them you have a great big gulf of
8 uncertainty here that our future is going to depend on, and
9 I think you're making a big mistake. Thank you.

10 **MEMBER KARIER:** Would anyone else like to speak?
11 Sir.

12 **MR. TROYER:** I'm Gary Troyer from Richland. I
13 debated all evening whether or not I was going to come up
14 here and speak a bit but I read part of the plan this
15 afternoon and took note of a few things that kind of concern
16 me. I appreciated Chapter 11 has some good ideas about
17 wind. It shows some of my favorite charts where there's no
18 wind for two weeks like what's been said here before, and I
19 find it hard to believe that we can take a resource like
20 that and expect to attach it to an intensive care unit at a
21 hospital. It just doesn't seem to make sense to me.

22 I also looked at your comments about conservation
23 and it occurred to me that there seemed to be a discrepancy
24 here among the state agencies. Last September, I believe it
25 was, the ICF International produced a report to the climate

1 action team under the Western Conference Initiative. And in
2 that modeling system they admitted that there was a paucity
3 of conservation data. Therefore their models used
4 endogenous data to predict where they needed to go with
5 conservation.

6 What is endogenous data? That's internally self-
7 generated fake data. That bothers me because I don't see
8 any reference in your plan other than the assumption that we
9 can do 85 percent because we have this fixed hard number.
10 And we have another state agency that is working with data
11 that are very soft. So I'd like to have in the report --
12 maybe it's in there, I haven't read it yet completely -- a
13 little bit more definitive data of where the conservation
14 numbers come from and if they're referenceable.

15 Are they hard numbers? Because 85 percent is
16 really a large target. And when we can't even seem to get
17 enough data to support climate change initiatives, and we
18 have to fake the data, then how can we predict what we need
19 to do by 2030 on conservation? It seems to me it just does
20 not compute.

21 So I would challenge you to provide us with the
22 information through the report because it is a fairly
23 extensive report, so that we can be more confident with
24 what's being presented to us.

25 So I think those are the highlights that I saw so

1 far and I plan to fully study the plan and provide some
2 other comments. Thank you.

3 **MEMBER KARIER:** Anyone else? Well, I think that
4 will conclude the public comment. Let me just remind people
5 about the next steps that happen here. We are recording and
6 transcribing the testimony and we'll be printing that out
7 and making that available to other Council members that
8 aren't here tonight and the Council will be reviewing this
9 testimony.

10 I also encourage you to submit written testimony
11 as well. I'm well aware that there wasn't a lot of time
12 between this first hearing and the time that we released the
13 document. There is additional time between now and November
14 6th to review the documents and submit written testimony to
15 our web site, nwcouncil.org.

16 I think tonight we've had a wide diversity of
17 responses and comments which will help the Council as we
18 sort through this. With that, I'd like to thank all of you
19 for coming, and again, feel free to contact us if you have
20 specific questions. We don't really have the opportunity
21 tonight to get into discussions. We will be glad to do that
22 outside of a public hearing. This is mainly an opportunity
23 for us to listen.

24 **(Whereupon, the meeting was adjourned at 7:04**

25 **p.m.)**

1 CERTIFICATE

2
3 I, Rebecca Donley, do hereby certify that pursuant
4 to the Rules of Civil Procedure, the witness named
5 herein appeared before me at the time and place set
6 forth in the caption herein; that at the said time
7 and place, I reported in stenotype all testimony
8 adduced and other oral proceedings had in the
9 foregoing matter; and that the foregoing transcript
10 pages constitute a full, true and correct record of
11 such testimony adduced and oral proceeding had and
12 of the whole thereof.

13
14 IN WITNESS HEREOF, I have hereunto set my hand this
15 23rd day of September, 2009.

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19
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21
22 /Signed March 09, 2011
23 Rebecca Donley Commission Expiration
24
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