

Territorial Sea Plan Working Group Workshop Public Comment

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Newport, OR

Catherine Woodward, Coastal resident, "I'm representing 8 generations of Oregonians and the future generations that are not hear to speak today. The Oregon ocean is very special, it's a state park for the nation and it's priceless. Regardless of the cost benefit analysis, this is a treasure for the entire country, and no one has talked to us about kickbacks. We need to consider the visual impacts of these devices and the responsible decommissioning of devices. I think that we are rushing this process without taking into account the necessary data needed to make these decisions. Oregon is the only state in the lower 48 with public access to the beach granted for all Oregonians. These oceans are for everybody. We should all get out and play on the ocean and find out what these devices will do. We need to be thoughtful and careful. This is our playground and it's under siege."

Vince Pappalardo, Coastal resident, "I am coming to you as a coastal home owner. I am a mechanical engineer at HP so I am a technologist and embrace technology. But I also like to shepherd the environment. I am worried about large scale deployment of these devices and how that dissipation of wave energy will affect the intertidal zone. I am also worried about some of the nearshore devices that are deployed closer to the recreational use areas and how they may influence the economics of recreational users coming to the coast. I appreciate you having these meetings for people to voice their concerns. I would also like to offer my services to help work through concerns of general citizens don't want to be passive in this process. Thank you."

Steve Johnson, Coastal resident, "I've been to many of these community meetings over the years and the focus always changes, as it is now with the wave energy issue. I would like to remark that we had Gov. Tom McCall back in the early sixties and he got one of the biggest bottle bills passed that probably influenced the world. As a skim boarder, I was cutting my feet all the time on broken bottles, and he got this bill passed to limit the amount of flotsam and jetsam in our oceans. Right now we have an opportunity to look to the future and make decisions about our oceans, and deal with some of these marine debris issues, and we should keep the spirit of Tom McCall alive as we have this discussion."

Theresa Wisner, Aquamarine Power, "There has been a lot of discussion today about view shed issues and that is the only thing I am going to address right now. When you do your studies about view sheds and consider devices and the ocean, please take a look at how they interact together in different ocean conditions, because neither the devices nor the ocean is static."

Jason Busch, Oregon Wave Energy Trust, "I appreciate the opportunity to make some comments. There has been a lot of discussion today about the state of Oregon and the decision as whether or not to have ocean energy. I think that conversation has been going on for a while and I think that many in the state leadership do want ocean energy. There are some good reasons for that namely that we are increasingly an energy consuming species and our per capita use of energy in the United States continues to go up, not down. In the US we are 5% of the world's population and use 25% of the energy. Our energy infrastructure is on the decline and the average age of a power plant is 50 years old. Regardless of whether you like ocean energy, we do need new forms of energy. Ocean energy is one of the options we have and we are fortunate enough to be sitting on an amazing resource identified by the Electricity Power Research Institute (EPRI). As a result we had an influx of companies that wanted to take advantage of our resources. That's why the state helped fund the Oregon Wave Energy Trust. We were created to promote the responsible development of wave energy, that's why we fund FINE, SOORC, FACT, FISHCRED, OCZMA, OR Sea Grant and others. We helped fund fishing maps and studies to understand the environmental impacts of wave energy. We will continue to do that and hope to reach a place where we can fully weight the benefits of wave energy with the potential impacts. If you would like to learn more please talk to me or visit our webpage at oregonwave.org or come up to Portland for the OWET conference to get a big picture of the industry. We would very much appreciate coastal residents to come up to Portland and will offer discounts. Thanks."

Rick Williams, Oregon Wave Energy Trust, "I am a retired navy captain and career mariner. I am an Oregon resident and I have raised my family in Oregon after I finished 25 years active duty and my son is a merchant mariner. So we are ocean people. I started as a hard hat diver, salvage officer and I've been a deep draft skipper. As a frame we have talked about power, we seem to like the lights being on. Base load is what keeps the lights on and grid needs to be balanced every 2 seconds. So you have a base load supply and spinning reserves. We have eliminated nuclear in OR, we don't like coal, we don't like fossil fuels, we are running out of things that are base load. Wind and solar are intermittent renewables. Geothermal is pretty consistent but its way out in Eastern Oregon and there are transmission problems. Wave energy happens to fit the niche of a dependable renewable resource. And when it's proven you can dispatch it within 24 hours with a 95% chance that you will get the power. I'm the chair of the OWET industry advisory board and one of the things we realized is that while we had funded the fishing industry to provide their needs, we hadn't funded a spatially explicit needs study for the industry. The board passed a policy that we support the TSP process and we will provide these reports to you when I get the consensus from the industry. We heard it today that commercial power plants have a 50 year lifespan; this industry needs to plan decades ahead. We need an understandable and consistent framework for how to do the temporary operations to prove commercial viability and how to do that in phased development. For example, how do we decommission an embedment anchor?

There are three categories of input we are gathering from industry; shared industry wide – practical power plant demonstrations, dependability to a deep water port, proximity to a cable corridor and landing, appropriate cable corridor condition, proximity to an accessible grid connection. The other categories will reflect specific technology and project needs. One size does not fit all, each technology has different requirements, and there will be some project specific information. Please remember that none of the devices are on the shelf. They all have to be fabricated for the site. From the time we get an approved license it will be 4-5 years to get a device in the water. These are long timelines. It takes a lot of time and money to stick with it. Thank you.”

Susan Allen, OurOcean, “I’m excited about the state’s opportunity to responsibly plan for the nearshore. As a member of the TSPAC I am glad that we have forged some partnerships with other stakeholder groups to ensure that Oregon takes the time to responsibly plan. Our 250,000 member’s statewide are interested in figuring how we look both to the short term and regional needs as well as the long term needs and future needs of the state to make a common sense series of decisions that will ultimately benefit future generations. I want to express our coalition’s interest in participating and stewarding the planning of the territorial sea and working together to move forward constructively. I’m excited to talk more.”

Linda Buell, Garibaldi Charters, “I am a member of TSPAC and a co-chair of Fishing Advisory Committee to Tillamook (FACT). I go to all these public meetings and I am struck that no one bothers to get up and mention how local communities or the state of Oregon are going to benefit from offshore power. I was talking to a representative from our local Public Utility District (PUD) who mentioned that the local PUD will actually make money from selling the offshore energy to Bonneville and that should go back to their costumers, our county, and help defray electricity rates. Nobody ever talks about that. They won’t tell you how much it’s going to cost because instead of \$.45, it will be \$.26 KWh. I think that sort of messaging would help this process. I also want to bring up that in April 2007 Gov. Kulongoski issued a statement calling for no more than 9 marine reserves and no more than 6 energy sites. If you can put a limit on the number of sites and a limit on the size of individual sites, there would be a lot more for people to talk about and support, instead of panicking about a million devices out on the ocean. And for about 70 years Oregonians have not allowed oil and gas on the ocean, and now it’s supposed to be ok to have this other type of metal on the water? And I’m not so sure that all Oregonians away from the coast would go for that. The main thing I would like to say about FACT and other local community groups is to let us help site these devices, because we can tell you where they won’t affect our fishing and where they won’t affect the view shed. So after you do your maps and make your recommendations you need to come back to us to see if it will be suitable for us. As I have already testified previously, we have helped site several projects as places where they won’t bother us, but they need to be checked with the rest of the community. I would also like to say that I

really like Rick Williams's presentation because I heard in what he said a lot of what the fishermen have been saying for a long time about what testing reliability and testing environmental effects out in the ocean, which isn't going to happen in a wave tank. The fishermen are out there all the time and are a great resource if you need help."

David Yamamoto, Tillamook Futures Council, "Thank you to the working group for this opportunity to address you. The work you are doing is very important, but it is another question as to whether you are trying to go too quickly. One of the issues I would like to bring up is the involvement of local governments and I think that it is past time that this has been addressed. I know that you have begun discussing the issue of view sheds and that is going to be the major issue regarding the general public. As discussed today that is a local social issue, and I am afraid that this working group is coming to this issue a little late. But I am glad to hear that at this point you want to engage the coastal communities, 250,000 residents of the coast and 3.5 million in this state. Creating visual simulations of what these devices are going to look like in the ocean is going to be very important for residents on the coast and inland. Because you will find that almost everyone in the state of Oregon considers this ocean theirs, their legacy. We have heard from special interests and I think you need to recognize that we have 3.5 million other ocean users that we really need to get involved in this process. I do agree very much with Caren Braby that ocean energy is in its early stages. To be an early adopter of ocean energy is not a bad place to be, but it's also not necessarily something we want to get ourselves locked into. Given that commercial energy production is at least a decade away, I'm not sure we want to lock ourselves into this early development scheme and we need to be flexible as technology changes. I hope that you give the communities on the coast the opportunity to have a say about view sheds and other issues. It's going to be much better to be able to deploy these technologies far offshore where they won't be in view. I know you don't want to hear a "go slow" approach and that you have deadlines set but I hope at this point we will actively involve the people of Oregon so that they have a say in what's going on. Thank you."

