

## Climate Legislative and Executive Workgroup (CLEW) DRAFT Public Hearing Summary

October 16, 2013, 5:00 p.m. – 8:20 p.m.  
3410 West Ft. George Wright Drive, Spokane, Washington  
Building 15, Room 110

### Introductions

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Bob Wheeler, the facilitator, introduced the Climate Legislative and Executive Workgroup, outlined the Workgroup's charge and timeline, and discussed the public hearing process and ground rules.

The Governor thanked everyone for attending the meeting. In 2008, Washington (WA) adopted specific targets for cutting carbon pollution. By 2020, the State will need to achieve 1990 levels of greenhouse gas (GHG) emissions. The Workgroup was convened to determine how the State will meet those goals in the most cost-effective way. The purpose of the public hearing was to hear the public's ideas about how the State should or should not cut its GHG emissions. The Governor noted that individuals may have differing opinions on this subject and expressed hope that this would be a respectful process.

### Public Comment

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**Carrie Nyssen. Regional Advocacy Director for the American Lung Association of WA. #19.**

**Sectors Addressed: General – Public Health; Transportation – Alternative Fuels**

We want to make sure that everyone in the nation has clean, healthy air to breathe. The American Lung Association stands strong in supporting a Clean Fuel Standard similar to the CA low-carbon fuel standard to protect public health and to ensure WA is successful in producing cleaner, healthier, and more efficient fuels. Air pollution costs people healthy airways, it takes kids out of school and sports, and it costs our State millions in health care dollars. Dirty air contributes to emergencies like asthma attacks and chronic bronchitis and it takes its toll on our public health. Dirty air endangers the health of all Washingtonians, and in particular the children, elderly, and the nearly 1 million residents we have living in our State with lung disease. We are particularly troubled about the health effects that dirty air has on children. Eighty percent of our lungs develop after we are born. Kids that are exposed to air pollution and air toxics often don't develop their lungs fully and are plagued their whole lives with lung diseases and other illnesses. In WA, asthma is an epidemic; 1 in 10 households with children have at least one child with asthma. In short, air pollution makes people sick and it shortens their lives. Cleaner fuels will dramatically reduce air pollution and help ensure that all WA residents breathe clean, healthy air. Cleaner fuels are a healthy solution for Washington.

**Todd F. Eklof. Minister at the Unitarian Universalist Church of Spokane. #20.**

**Sectors Addressed: General – Public Health & Green Jobs; Transportation – Alternative Fuels**

One way to reduce GHG emissions, protect jobs, and the health of our communities is to make sure that more coal trains do not pass through Spokane. Last year the Environmental Protection Agency (EPA) and the World Health Organization (WHO) upgraded diesel exhaust from a

probable carcinogen to a certain cause of lung disease. An increase in heavy coal trains that require multiple diesel spewing engines will turn everyone in our community into the equivalent of second hand smokers of tobacco laced with asbestos. Coal trains are also job killers. Our community has very few railroad jobs compared to tourism-related jobs, which contribute billions to the local economy. No one will want to visit our near perfect community once they figure out that our air has become toxic. Another way to reduce these harmful gases and increase jobs is to support alternative fuel development, like Sustainable Works, which last year helped our church install 75 solar panels on our roof. It has enabled many in our community to receive \$1,000s from energy savings within their home, including my own. Green is good for the environment and good for the economy. As you know WA isn't much for waiting for D.C. before moving forward on important issues. From universal health care, to death with dignity, to intelligent marijuana laws, to being the first and only state to approve marriage equality by popular vote, Spokane is now supporting WA taking a leadership role in addressing climate change. We want you all to know that we have your back.

**Gabriel Logan. Ten Year Old. #18.**

**Sectors Addressed:** Transportation – Alternative Fuels; General – Environmental Education

As a kid, it scares me to think about what CO<sub>2</sub> emissions can cause. It can cause big heat waves, droughts, and floods. Not only does climate change cause these events, it will make more GHG which will cause a lot of heat. It will also cause polar bears to drown and less places for penguins to live. I have always wanted to go to the North Pole but my chance is ticking away. I hope the Governor will think of more jobs that won't cause as much damage as some of the other jobs like coal. All kids in WA should learn about climate change so that they are ready to take on the responsibility that we all have to solve climate change problems. I agree with the Governor that we need to transition off of fossil fuels. I think that WA should follow the Kyoto Agreement along with CA and OR. WA can be a leader.

**Rene Caldwell. Citizen. #52.**

**Sectors Addressed:** General – Green Jobs; Electricity – Renewable Energy; RCI

I did not plan on speaking but I am concerned. I know there is a necessary balance between jobs and the environment, but what good are jobs that help us help our children and grandchildren if we bequeath to them an environment that kills them early or leaves them with health problems all their lives? I would like to give my children and grandchildren a good work ethic and jobs to work at but I would like them to be green jobs, not dirty jobs like my generation ended up doing most of the time. I would like to see more emphasis on encouraging natural gas as a transition from oil and coal. I can't even go through the list of things that scare me like fracking. I think it's not just WA, but we need to work with other states, our nation, and with other countries to encourage others to bypass the dirty stage that we spent 100 years going through and go directly to green power.

**Sam Mace. Northwest Director of Save our Wild Salmon Coalition. #23.**

**Sectors Addressed:** General – Water Quality; Electricity – Coal Trains & Renewable Energy

My organization is working to restore steelhead in the Columbia and Snake River. It's not a big newsflash that with rising temperatures we see rising temperatures in our rivers, which includes the Columbia and Snake River. The increase in heat is becoming increasingly lethal to our salmon populations and the jobs that rely on salmon. This last summer we saw temperatures up

to 75 degrees and even higher behind the dams on the Columbia and Snake Rivers. We are very concerned about efforts to reduce the State's GHG emissions. We stand with the others here that would not like to see more coal trains coming through Spokane; this is not the way to get new jobs. As someone who works in Spokane, I have a personal concern for my health and the kids around me. I'd also like to thank you for some of the clean energy initiatives that you've supported such as solar energy and the production of solar panels in WA. Those are the types of jobs we need. This is the type of energy we need to be investing in. I also want to say that in addition to halting climate change we need to operate our rivers better to adapt to climate change.

**#90.**

**Sectors Addressed: Electricity – Coal Trains**

In this region, we have Hanford – the most polluted nuclear site in the nation. Spokane also has what is essentially a superfund site. We recently have been told not to eat most of the fish out of the Columbia River. Now they want more coal trains, oil trains, and a possibility of an oil refinery on Puget Sound? The small amount that would be gained from these projects would be miniscule compared to what we would lose. Please, please try to prevent these things.

**Harvey Brown. Citizen. #78.**

**Sectors Addressed: General – CLEAR Act**

Rather than a carbon tax, I would like you to consider Senator Cantwell and Collin's CLEAR Act. It is similar to a carbon tax, but the money would flow back to the consumers of the energy. It's a rather complex mechanism, but it would be similar to the oil tax in AK as there would be a refund to consumers. However, it would be used to encourage conservation or low-use. I really encourage you to look into the CLEAR Act to see if it would be appropriate.

**#66.**

**Sectors Addressed: Transportation – Growth Management Act (GMA); Electricity – Nuclear Energy**

I want to applaud the Governor and the State for taking the lead on these coal exports and making sure that through the environmental review process the regional and global environmental issues are being addressed. I also want to compliment the Governor on his stand on urban sprawl in Spokane. Spokane has an urban footprint several times that of Paris. That footprint is unacceptable and the sprawl contributes to GHG. Among other things, I spent my life as an investigative reporter and public researcher, and was also born in Camp Hanford. It came to be that most of my investigative reporting was on nuclear programs. I've spent time looking at plutonium waste and the Hanford cleanup. There are lots of reasons not to turn back to nuclear power. We have a legacy at Hanford that we need to own. There is a deep cultural heritage in the area for the Yakama and the Wanapum and before we rush into another round of nuclear power, we really need to concentrate on cleaning up the Hanford area and restoring that cultural bridge.

**Tessa Jillette. Community Organizer at Sustainable Works. #69.**

**Sectors Addressed: RCI – Existing Building Stock**

As we develop policies and programs to address global climate disruption, it is especially important to note solutions for the existing building stock. It is necessary to consider the impact energy efficiency programs can have on the local economy and workforce. We wish to express

our hope that the Climate Workgroup supports cost effective delivery of energy efficient measures and does so while supporting quality job growth in WA's clean energy economy. Investment in energy efficient programs like Sustainable Works in Spokane capitalize on already established partnerships with utilities, municipalities, building owners, and civic organizations to provide resources and drive energy efficiency.

**Rene Holaday. Citizen. #63.**

***Sectors Addressed: General – Opposes Action***

First of all, climate change was originally called global warming. The claim of a man-made global warming was the backbone of all the Growth Management Laws (GMA) that have since been established in every state in the U.S. The problem is that all the data that has surfaced since this claim of a man-made global warming shows that there hasn't been any increase in temperature for the past 17 years. Rajendra Pachauri, who heads the UN's IPCC recently admitted that fact in Australia. In an article titled "Time to Jail the Climate Scamsters" by Lord Monkton, he states "the Hadley/CRU temperature record shows no warming for 18-19 years. RSS satellites show none for 23 years. Not one computer model predicted that." In an article titled "Climate Change Experts: You Should Be Dead by Now" John Stokes stated that the resulting climate devastation will kill an estimated 4.5 billion people in five years. The only problem is that was stated in 2007. Stokes goes on to explain runaway global warming experts' promises including agricultural areas becoming dust worldwide by 2012, global famine, anarchy, and disease. Not only that, but NOAA reported that both polar regions have had a significant increase in ice expansion, with the Arctic ice sheet increasing by 60% this year. This fact has sent all the UN agencies and the IPCC into a tailspin as they are the pushers of the whole idea of a man-made global warming. In fact, the NOAA report has also caused the U.S. Congress to require 1,500 changes in the IPCC documents on climate change that was going to be discussed at the Climate Change Conference in November. Basically, all our GMA laws are based on this claim of global warming, and I feel that as we are now seeing Australia, the EU, and Germany dumping their climate change panels, I think we need to address the fact that global warming is being disproved and we should no longer have to follow these laws as they are based off a faulty premise.

**Robert Cook. Physicist and Nuclear Engineer. #63.**

***Sectors Addressed: Electricity – Research and Development***

My comments are in three categories of action: 1) new in-state research; 2) new state enterprises; and 3) taxes, zoning, and more specific targets. First, I would like to see the State establish research programs at WSU and UW for developing low energy nuclear reaction – LENR/cold fusion – clean energy systems. I think we can learn from such a program as that at the University of Missouri under the direction of Robert Duncan. I would like to see coordinated efforts with other research activities in the U.S. and elsewhere in the world such as with MIT, Purdue, University of Illinois, Stanford Research Institute, and other institutes with this type of program. I want all research to be publically available via online quarterly reports of activities. I want the institutions to actively resist being gagged (keeping results secret) by industry and the U.S. government by making sure funding agreements do not inhibit publication and/or make results proprietary. I would also like to see the State actively promote the LENR research work and condemn advertisements that goes against the initiatives to gain economical clean energy sources.

**Mike Peterson. Director of the Lands Council. #75.**

***Sectors Addressed: Transportation – Public Transit; Electricity – Nuclear Energy; General – Leadership***

I found this statement: “each raindrop doesn’t think it’s responsible for the flood.” Some out there may say we are WA and our contributions do not impact global GHG emissions. I saw a letter from a Legislator that said we are only .003% of the CO<sub>2</sub> problem. Being an engineer, I checked that figure and found that we are actually 0.33%. Where does WA rank? We give off more CO<sub>2</sub> than Greece, Chile, Austria, Columbia, and Portugal, and twice as much as Sweden, Norway, Denmark, Israel, and Ireland. We are doing our share. We all need to work together on this as a world and I appreciate that WA is taking a leadership role. Fifty percent of the CO<sub>2</sub> in the State comes from our transportation sector. One trend that needs to be recognized is that younger people aren’t as enthralled with the automobile as people my age. They are more into public transit, bicycles, walking, and sharing cars. That trend needs to be recognized and incentivized so there are better bike paths and better intermodal transportation systems. I don’t think nuclear is a good option for energy. We have yet to figure out the waste and mining impacts.

**Andrew Woods. Gonzaga University Environmental Law Clinic. #28.**

***Sectors Addressed: General – Atmospheric Litigation***

I wanted to bring to your attention a movement called atmospheric litigation, which is also being called the “children’s trust.” The movement is advancing the theory that environmental law should be subject to the public trust doctrine, which has been intertwined with environmental law since its inception through shoreline cases that dealt with trying to prioritize resources. The doctrine basically says that society has resources that are too important, too sacred to privatize or be given away and that government officials should be the public trustees of these resources with citizens as the beneficiaries. There is a lot of litigation trying to push this forward. A brief was submitted about a year ago to the WA Supreme Court. This litigation has not yet been heard, and I would like to urge this committee to suggest that the Department of Ecology enter a consent decree. We can write into law that we would like these emission reductions to be a part of WA’s environmental policy. Our environmental law needs to match the laws of nature. If we start now, we can halt runaway heat.

**Ed Reynolds. Spokane Audubon Society. #38**

***Sectors Addressed: Electricity – Coal Trains; General – Green Jobs***

I’m opposed to building coal terminals and shipping American coal to China because of its impact on climate change and the environment. There are many problems, but I will focus only on those associated with burning coal. Reports of a 3% increase in atmospheric concentration of carbon dioxide in the last year should alarm anyone, especially with the new IPCC conclusions. China is the largest emitter of CO<sub>2</sub> and the largest percentage comes from burning coal. CO<sub>2</sub> is directly responsible for ocean acidification. Just imagine, we are actually changing the temperature and chemistry of our oceans and there are people who want to encourage that because to do so would create jobs in WA. We are already seeing an impact on our shellfish industry from acidification and there is extensive evidence that we are damaging other life forms in the ocean that play a huge role in our State’s economy. How can we justify that? I’ve worked in construction so I know the lure of new jobs. Railroads are efficient and should be supported and encouraged but the threat of coal trains will hurt the health of our citizens and our

environment and must weigh heavily in our considerations. WA should be especially aware of projects that at first seem necessary and beneficial but will cause harm in the long-run such as the Hanford project. Evidence of the harm of shipping coal to China is staring us in the face; let's not ignore this.

**Karen Messmer. WSU Energy Program. #36.**

***Sectors Addressed: RCI – Energy Efficiency***

In 2009, the Legislator created the Community Energy Efficiency Pilot Program. The WSU Energy Program was designated to oversee the statewide program and has been very successful. We house unbiased technical experts who work across different energy subject matters such as industrial and agricultural energy efficiency, renewable energy, program evaluation, and building science. Our long-term experience delivering programs in RCI arenas has given us a broad expertise in these sectors. We are fully supportive of the Workgroup's efforts to focus on energy efficiency. We know there are still many opportunities for improved energy efficiency. We hope there is special attention paid to energy efficiency in buildings. We have found that there is a lack of consumer efficiency efforts at all levels and there is a lot of work to be done on energy efficiency as it relates to oil, propane, and gas. Increasing energy efficiency for businesses and consumers has many benefits, including helping businesses allocate the dollars they save to other business activities and resources.

**Bart Mihailovich. Spokane Riverkeeper. #83**

***Sectors Addressed: Transportation – GMA; Electricity – Coal Trains; RCI – Low Impact Development***

I want to thank you Governor for challenging the ill-advised urban growth area expansion. Smart growth and curbing urban sprawl is one of the most effective ways to address climate change. Two years ago I updated the Riverkeeper's strategic plan and added climate change language to almost every section. The plan serves as a guide for our organization as it aims to clean up the Spokane River. I did so because everything we do is, or can be, impacted by climate change. Every single water body in the U.S., including the Spokane River, has a mercury advisory on it. Increased coal burning in Asia and building coal export facilities will only keep that a problem. Toxic algae blooms on Lake Spokane and the Spokane River have been problems for both the river ecosystem and the community. Only recently through regulatory action and oversight have we begun to get a handle on this. However, if we add climate change to the equation and we see a warmer climate and a longer growth season, algae blooms will flourish. Finally, this community needs to address stormwater pollution, which is the biggest source of pollution in the Spokane River. I highly recommend that the State consider stormwater management through the use of low impact development and green infrastructure as this could help Spokane and other communities become more resilient to climate change as well as help mitigate impacts from flooding events. These technologies, which support healthy water quality, should be a part of the climate change discussion as low impact development may also reduce the urban island heat effect. I made climate change a priority in our strategic plan and I encourage the State to as well.

**Eric P. Grimsrud. Retired Chemistry Professor. #74**

***Sectors Addressed: General – Environmental Education; General – Carbon Tax***

For the last 30 years, I have been involved in atmospheric science, particularly stratospheric ozone depletion and climate change. Upon my retirement, I noticed a big problem in the area of

climate change. The public is way behind the science in understanding climate change and its impacts. Since retirement, I've been working to bridge the gap between science and public opinion. I've written a book "Thoughts of a Scientist, Citizen, and Grandpa on Climate Change," which I will leave a copy of. Given my certainty of the dire nature of this problem, I wonder too about what we should be doing. There are so many things we point to that would allow the world to emit less CO<sub>2</sub>, but there is one thing that we need: a tax on carbon. We need a tax on carbon because if we charge a full and fair price on carbon, the rest will take care of itself. Why do we allow the earth's atmosphere be used as a waste dump? We don't let the nuclear industry get away with that. However, we allow the fossil fuel industry to use the atmosphere as a waste dump. We should not do this; we should be increasing the price of carbon so it would make a level playing field for those in the energy production industry. It is not fair right now.

**Bonnie Mager. Citizen. #59.**

**Sectors Addressed: General – Carbon Tax; General – CLEAR Act; GMA; Transportation – Coal Trains; Waste Management**

I want to begin by tipping my hat to the Governor for his stance on the urban growth boundary expansion which was totally unnecessary in Spokane. I'm representing the Port County Commissioner and was also part of Christine Gregoire's Climate Action Plan team. I would like to support a carbon tax and I would highly encourage you to look into the CLEAR Act so there would be a carrot and a stick. Additionally, I would like you to consider the amount of CO<sub>2</sub> and the poisonous emissions from diesel. This is very personal to me because I live in Cheney on the other side of the tracks and we have already seen an increase in coal trains. There are many schools that have been impacted by this in Cheney. Additionally, we have the only incinerator in the State and each year Spokane goes to the Legislature and asks this to be a green energy, which it is not. It produces 298,000 metric tons per year of GHG. Without a green designation, it is not a cost effective way to take care of our trash. Please do not allow this to pass.

**Daniel Wilson. President of USW Local 338 (United Steelworkers). #4.**

**Sectors Addressed: General – Opposes Carbon Tax**

As an industrial union, the steelworkers represent over 5,000 members here in the State. On behalf of these members, I am speaking against the proposed carbon tax which would have a devastating impact on our workers and their families. The proposed tax would destroy private manufacturing and eliminate good paying middle-class jobs. WA carbon emissions are some of the lowest, with 70% of our energy coming from green energy and hydropower. The carbon tax would not be fair when countries like China produce in two days what we emit in a whole year. Additionally, China has no intention of reducing their emissions. With WA unemployment at 7%, and with another 5% who have run out of benefits as well as an additional 5% that are underemployed the working class is struggling to get by. We need to be talking about producing good middle-class jobs not ways to eliminate jobs.

**Kitty Klitzke. Futurewise. #13.**

**Sectors Addressed: Transportation – GMA & Alternative Fuels; RCI – Land Use**

I want to begin by thanking you Governor for challenging the urban growth boundary expansion in Spokane. Unfortunately repealing this is not enough to address climate change. Since our vesting laws are out-of-date, projects will move forward even though this is illegal. We need bold action on climate and we need to address transportation, which is half the issue. We have to

have more than clean cars and fuels. We need to address the built environment. We need to build communities that are connected and complete. Luckily this is a popular notion. Spokane has made it clear that expansion of the urban growth boundary is unpopular and we have worked really hard to pass a clean stream ordinance as well. We hope that your solutions will address transportation and land use in a more meaningful way.

**Jennifer Barson. Hydrogeologist. #88.**

***Sectors Addressed: General – Environmental Education***

I've come to speak about the importance of carbon reduction programs. To begin, yes we have a ton of hydroelectric power in WA. However, as the climate warms we will have less water running, so simply relying on hydropower production as a reason to not reduce our carbon emissions is not a good idea. My biggest concern is whether or not you believe in anthropogenic global warming. To address this, I think we should have education reform, particularly by adding more STEM programs in our curriculum. Through these programs we will be able to talk to kids about renewable energy starting in kindergarten. Students at the college levels may or may not be aware of the GHG emission levels, and if they are they may not be sure of how to help the problem or how they might turn it around. If there is education reform from the beginning, students will come to me with better ideas and will be able to transform the problem.

**Rick Eichstaedt. Spokane Center for Justice – Gonzaga University School of Law. #11.**

***Sectors Addressed: Transportation – GMA***

First like many, I would like to thank you for repealing Spokane County's urban growth area expansion. Study after study has indicated that one way to deal with global climate change is through land use. A study prepared by Cities for Climate Protection in 2004 called "Sprawling towards Climate Change" found an association between increased GHG emissions and increased energy associated with urban sprawl. Expanding growth encourages the development of agricultural lands and leads to less efficient buildings, increased automobile use, a higher need for water delivery systems, and more water treatment plants, which beyond cars is the second highest user of energy in most metro areas. So what should we do? First, we should actually enforce our GMA laws by addressing the vesting issue. In this area, we are going to vest, leading to development, which the Legislature needs to address. We should also have Ecology and Commerce consider our land use actions as part of the SEPA process and its other regulatory reviews.

**Pauline Druffel. Sierra Club member. #68.**

***Sectors Addressed: General – Environmental Education; Electricity – Renewable Energy, Research and Development, & Energy Efficiency***

My background includes the study and teaching of ecology and earth science. Nearly 40 years ago I learned about global warming and climate change. I am grateful that the government is finally picking up this issue. We need to stop burning fossil fuels, and coal is at the top of this list. All three – coal, oil, and natural gas – add to global warming. The extraction of all three effectively destroys our home and causes permanent damage to the ecosystem and public health. None of them are safe and all are ultimately costly. We need to stop subsidizing the wealthy coal, oil, and gas producers, and rather subsidize wind and solar energy production and research and development. Conserving energy is another issue. Wind and solar energy can be sited more

locally, so that energy will not be wasted as it is sent down long interstate transmission lines. We are more likely to take personal action if we have to pay the full price of producing the power.

**Laura Ackermen. Citizen. #60.**

***Sectors Addressed: Electricity – Renewable Energy; Transportation – GMA***

I strongly support the reduction of GHG in the State. Several studies show that green power is the way of the future. Two examples of green power success stories in WA are seen through Mercer Island and Microsoft. Mercer Island just won a green power award from EPA and Microsoft won the green power partner award. Renewable energy technologies are booming and the number of patents in green technology has risen in the last couple of decades. As an owner of a small farm, this is incredibly important. Small businesses need renewable energies to survive as part of a marketing strategy. Clean energy is the new organic. I think customers are going to be increasingly interested in where businesses get their energy as part of the holistic future. We need to increase people's interest in purchasing from small, local farms, and green energy will be a big part of that. Young people are interested in clean energy. They want to drive less and they want to have more transportation options. They want clean energy to be a part of their lifestyle. They do not want huge urban growth areas. We need to stop our vesting clause. These types of things will have an impact on our transportation and decrease our reliance on fossil fuels.

**Dave Randall. Citizen. #52.**

***Sectors Addressed: Electricity – Coal; General – TPP***

Coal burning adds CO<sub>2</sub> to the atmosphere. The IPCC came out with a recent report saying that climate change is caused by humans. The coal exports will do more harm than the Keystone pipeline. There is one aspect of the coal exports that needs to be thought of more – millions of gallons of water are put into the tankers in China on their way to pick up coal from the U.S., which will then be dumped in the Columbia River or the Strait of Juan de Fuca. If there are nonnative animals in the water, it will be a catastrophe for WA's environment. The other thing I want to talk about is a treaty that has been negotiated with 12 countries in the Pacific Rim. It supersedes the federal government, state government, and local governments in their efforts to have any sort of regulation on climate protection. So no matter what you do here, the TPP will make it impossible for WA to stand up to multi-national corporations to protect our environment. I would like to see legislation for a TPP-free zone.

**Carol Bryan. Retired School District Teacher. #100.**

***Sectors Addressed: General – Environmental Education & Green Jobs***

I would like to recommend specific actions that should be taken in schools throughout the U.S. Kids need their parents to have green jobs that provide them a decent wage so their basic needs can be met. People need to have healthy jobs so they can have healthy families and their kids can learn. We will continue to have problems unless we make changes in our lifestyles. Let's begin with our schools and our kids. Kids are already motivated to change and they are highly connected to the need for clean air, polar bears, and field trips. Additionally, teachers know that what gets tested in schools is what gets taught. We want our WA education system to be interesting and relevant, teach basic reading, writing, communication, and math, and encourage communication and compassion. How do we combine all these? We start by giving teachers permission to teach what is happening on our planet. Let's not pretend the problems with CO<sub>2</sub>

don't exist. Six years I was called into the principal's office for being too political because I advocated recycling. Let's develop simulation games at each grade level such as the world game.

**#42.**

**Sectors Addressed:** General – *Cost-effectiveness Concerns*; Transportation – *Alternative Fuels*; Waste Management

WA ranks 28<sup>th</sup> in the U.S. in carbon tons consumed. Texas is first and CA is second. In CA, it costs \$13 to reduce a ton of carbon, whereas in WA it costs \$35. I think you need to take that into consideration. We need more FlexFuel stations so that vehicles that have this option can take advantage of this. We should look at the burning of trash as a source of energy. I think green jobs are great, but we need to watch them. We are in for a major, major fire due to the pine beetle and we have no way to get into the forests with the current roads. Lastly, I would like you to be aware that any changes you make will affect the whole State's economy in a negative way and affect the lower-income people disproportionately. Please consider setting your goals at a more realistic level.

**George McGrath. Unemployed Taxpayer. #58.**

**Sectors Addressed:** General – *Supports Coal Trains*

I have been unemployed for about 4.5 years. This is one of the reasons that the best thing the State can do is eliminate the reduction targets. These targets are mandates from the Legislature on how we live. It is also mandating how our businesses are run. This is absolutely unbearable for the people who are looking for work. We have talked a lot about China and how the coal trains will affect us. The pollution in China is from burning soft coal. The coal that will be exported is hard coal, which burns much cleaner. If we really want to affect global emissions, then let's ship hard coal to China. We know China will be using coal; the question is if they will burn soft or hard coal. We will help the world if the U.S. exports hard coal to China which is more efficient and will also give us jobs here.

**Mark Hagan. Citizen. #57.**

**Sectors Addressed:** Electricity – *Coal*; Transportation – *GMA*

I work very hard to maintain a quality of life for generations to come. We have to remember that this planet is finite with finite resources. We want to preserve these resources for as long as we possibly can. With that in mind, I think it's important that we try to keep all the coal in the ground and not burn it. We should preserve it for future generations, when it is really needed. We are going to use fewer cars in the future. Therefore, we need to maintain and fix the roads we have without building new ones. My message is: don't destroy the natural world, rather try to preserve as much of it as you possibly can with good parks and with other ways so we can leave the natural world intact for our progeny.

**Connie Copper Smith. Citizen. #41.**

**Sectors Addressed:** General – *Oppose Action*

I am very concerned about the science of global warming and I don't believe the statistics. A carbon tax would be very detrimental for the economy and for jobs. Before you cut off what we use for fuel we need to make sure we have the ability to replace it or else we will become a second class nation. All of this can be tied back to Agenda 21 which calls for a one world government. In 17 years, nature has not cooperated with the climate models. Global warming

and cooling is not new. We need to look at other nations who are rejecting global warming as a false science. It did make Al Gore a very rich man, but his footprint is huge and he doesn't care about us. If we proceed down this pathway, we will have tyranny. We will have very rich people and people who don't have anything. It will also affect our property rights. If you take away our ability to own land and to get from one place to another, then you have violated one of our rights. Property rights are the foundation of our nation. When you attack freedom with this Agenda 21 proposition you need to think about the fact that Americans can make things work as long as the Legislature does not get in the way.

**Esther Larsen. Citizen. #39**

**Sectors Addressed: GMA; Transportation – GMA**

I am by profession an attorney and community planner and formerly a biochemist. I used to ski on glaciers in Switzerland that no longer exist. Climate change has impacted me. I would like GHG goals and transportation plans consistent across local, regional, and state governments. I would like to establish impact fees that will capture the true cost of expanding on greenfield sites. I would like you to eliminate vesting and other impacts that have had a negative impact on our economy.

**David Millinias. #32**

**Sectors Addressed: General – Oppose Action**

I want to begin with a couple of headlines. First, the carbon free economy is now going in reverse. Second, the IPCC report says that they are only 95% confident that climate change is happening. I've come here to tell you that the reduction targets should be repealed along with the Governor's Executive Order 07-02 because the basis for these laws does not exist and the laws are a disservice to the State. The Executive Order suggests that there is a consensus in the science. But the use of consensus and science is an oxymoron. It also does not talk about what the reductions will mean in terms of global emissions or what the impacts would be for the State. There is not a direct link between fossil fuel emissions and climate change.

**Ken Barker. Citizen. #40**

**Sectors Addressed: General – Oppose Action**

I'm wondering where the real science is on global warming. Global warming didn't work out so they called it global cooling. That didn't work out so they called it climate change. Of course there is climate change, God created it that way. CO<sub>2</sub> is a natural occurrence. I'm in full agreement with Rene Holaday regarding Agenda 21.

**Tim King. Carbon Cycle Investments. #110.**

**Sectors Addressed: Electricity – Alternative Fuels; General – Green Jobs**

The climate issue comes down to the carbon cycle, which is our climate cycle and our life cycle. The carbon cycle is out of balance and someone needs to do something. We can turn the solution into jobs. The earth recycles carbon annually through the death and decomposition of biomass. If we could pick up 5% of the biomass that hits the ground every year we could offset all the fossil fuel use there is and make 10 times as many jobs with family wages. This State is rich in agricultural and forest residues that we spend a lot of money trying to get rid of. If we reduce those costs to the agriculture and forest land owners by helping them turn that biomass into fuels

we will create jobs while developing carbon-neutral fuels and replacing coal, gas, and oil. The coal, gas, and oil companies will tell you we can't do that. But we can.

**Rosemarie Bisiar. Citizen. #76.**

**Sectors Addressed: General – CLEAR Act & TPP**

I strongly urge all of you to consider the CLEAR Act. It is a rather simple act that goes beyond the carbon tax. Obviously Congress won't move on this. In the CLEAR Act, there are carrots and sticks to transition our economy in a way that provides new jobs and reduces our carbon load. When I saw it I was blown away – why is no one talking about this or doing anything about it? I think it is something you should really look at and use in your policy-making process. The other one is TPP – I am very aware of TPP and I think it will be the undoing of all economies in the world. That is something we should be aware of. Please try and prevent this.

**Teresa Nevins. Citizen. #26.**

**Sectors Addressed: Electricity – Renewable Energy**

It is generally accepted that high CO<sub>2</sub> levels are causing our climate to change. Investing in coal terminals and allowing the export of coal is irresponsible. WA should not spend millions of our taxpayer money on this. We need to invest every penny in clean energy like solar power, which would create numerous, new, clean jobs. We can no longer support coal burning in any country. China's pollution is so intense that it reaches our West Coast now. It doesn't make sense to invest in the Keystone Pipeline either because the oil is so dirty. Let's not sacrifice our environment to make profits. We need to close corporate loopholes that allow oil and coal company tax breaks. We need our revenue back to invest in a clear, clean future for our children with solar power plants. The electricity sector produces the highest amounts of CO<sub>2</sub> from fossil fuels. Industry has high levels of CO<sub>2</sub> emissions as well as electricity; I feel that it imperative to improve our filtration system in all our facilities. I also propose to make it mandatory that industry facilities produce all their own energy through the installation of solar panels.

**George Daverson. Citizen. #112.**

**Sectors Addressed: General – Carbon Tax; Electricity – Nuclear Power**

Everything is connected. If we don't get a handle on the global warming issue all other issues we are working on will be moot. If we don't reduce GHG emissions, it will be game over as James Hansen, Chief Meteorologist at NASA, has told us. In terms of what to do, I look to you for leadership on this. Cap-and-trade, as our President has pointed out, can be gamed and rigged so that rich companies are paying poor companies to pollute. I think your idea, the carbon tax, is far better. Our Canadian friends have already implemented the carbon tax and it is working very well. Their data shows that their GHG emissions have been reduced due to the tax. They considered cap-and-trade and they rejected it. I think the nuclear option is a sheep in wolf's clothing. The benefits do not outweigh the risks. Hanford is a testimony of good intentions that went bad. My grandchildren have a right to ask me "what did you do about this?" And this is your challenge as well.

**Karen Skoog. Pend Oreille County Commissioner. #116.**

**Sectors Addressed: General – Oppose Action**

I'm a new commissioner and one thing that has really surprised me is the amount of plans – the water use, land use, and how we spend our money plans. It has come to me that the goals and

outcomes of these plans are to control human behavior. I didn't know that freedom was so dangerous. I didn't know that we could vote to take away someone's liberties. That's my concern. What really is good enough? For example, can counties overcome these types of regulations? Will counties even exist in the end? What will happen to the culture here in rural areas of the State? This is the foundation of our county and we are at risk of losing people who cannot overcome these regulations and they have no idea that this is coming. Let this not put those living in rural areas at risk.

**Eileen Norton. Pacific Coast Canola. #125.**

**Sectors Addressed:** Transportation – Alternative Fuels; General – Green Jobs

We operate the first and only commercial scale canola crushing facility west of the Rocky Mountains. On an annual basis we can process 40 million gallons of canola oil. Our product is highly sought after by both the food and biofuel industries. We have received generous support from WA USDA loans and are continuing to work with the agricultural sector. We are encouraging farmers to add canola to their rotations. This will provide additional jobs in WA. Our plant has led to an increase in canola in the Pacific Northwest. We see this as an important market for us and we would like to see a Low Carbon Fuel Standard like CA's. Feel free to come tour our plant.

**Jim Demos. Sequential Pacific Biodiesel. #45.**

**Sectors Addressed:** Transportation – Alternative Fuel; General – Green Jobs

We are the largest producer of biodiesel in the Northwest that stays in the Northwest. We produced over 5 million gallons last year. Our product is well over 70% cleaner than dino-diesel. This is just a small thing that we do. We started off with 5 people in the company and now have over 100, with 30 people in WA. We are very proud of being a profitable company that cares about the people. All our employees have their benefits paid for, and have access to our diesel at a discounted price. Fifty percent of our feedstock comes from Zips, McDonalds, and other places like that. The other 50% comes from the young women who just spoke and people like that. Unfortunately, 80% of used cooking oil is going overseas to China and made into finished products to sell back to the U.S. When you go get a french fry make sure the oil is staying in the U.S. Also, when you drive behind my truck it smells like french fries.

**Greg Gordon. Professor of Environmental Studies at Gonzaga University. #102.**

**Sectors Addressed:** General – Carbon Tax; Electricity – Coal

I'd like to address how anthropogenic climate change is affecting our wildlife. The WA Climate Change Impact Assessment from 2007 predicted a two degree increase in temperature and a 28% reduction in precipitation statewide in the next ten years. This will have impacts on agriculture, hydropower, salmon production, forest health, human health, and wildfires. Spokane will be affected by climate change refugees, leading to increased sprawl. Over the past 40 years, half of the North American winter bird species have shifted their habitat northward. The problem with shifts in habitat is that humans have already fragmented the habitat. In this region, climate change is making a bad situation worse. Forests are at risk from forest fires and the pine beetle. Addressing climate change is relatively simple but not easy. Two measures would significantly reduce GHG emissions: 1) eliminating coal burning, coal transportation, and coal exports; and 2) instituting a carbon tax. We need to implement a carbon tax and give the revenues back to low-income people to weatherize their homes. Forget cap-and-trade.

**Mary Soleki. E2. #126.**

***Sectors Addressed: Transportation – Alternative Fuels***

We need to take control of our fuels and fuel prices by encouraging domestic and renewable production of our fuels through the Clean Fuels program. The Clean Fuels program is a market-based program which allows industry to figure out the most effective way to domesticate our fuel supply. It is not a subsidy or investment by the State. CA has already implemented a Clean Fuels program, which is working as intended with 60% over-compliance this year. New fuels have entered the market and GHGs are being reduced. Right now the credit price is at \$70/ton. That \$70/ton gives a healthy return to alternative fuel providers, around \$0.60 for a gallon of advanced biofuel. When blended, the cost to the consumer is a fraction of a penny. The CA and British Columbia programs really depend on WA. This program will improve significantly if WA helps connect the two programs. We suggest the West Coast Collaborative as a complementary program for this collaboration. If WA leads the PCC efforts, we ensure that the effort will be more efficient and will encourage other states to follow our example.

**Twa-le Abrahamson-Swan. Spokane Tribe of Indians. #37.**

***Sectors Addressed: Electricity – Nuclear Power & Coal***

My involvement in climate change has been looking at the nuclear industry's effects on those in WA. On our reservation we have two uranium mines, one of which is a superfund site and will need water treatment forever. However, treatment runs into the Spokane and Columbia River. We are also home to the Don Mills site which is overseen by the Washington State Department of Health, who refuses to hold community meetings and address the radioactive pollutants in the watershed. We have our issues with Hanford, but also have these issues closer to home. We demonstrate the impacts of nuclear power. We hope that nuclear energy is not an element of your plan. We have also been involved with the coal issue. The Tribe has already stopped coal plants from being built near the reservation. The Tribe knows about the effects of burning coal and we have been paying attention to the impacts of coal transportation. I want to stress the importance of our way of life and how it is impacted by GHG. I encourage you to work with the tribes – we have been doing great things to combat climate change.

**#48.**

***Sectors Addressed: Electricity – Coal***

We live on a finite planet which means that infinite growth is impossible. This also means that continually increasing profits is not sustainable. Keeping that in mind, I start to wonder if we are all ignorant or insane. How much are we willing to poison ourselves to sustain jobs? We are willing to put ourselves closer to extinction for a few jobs. And then I remember we didn't start out this way. Ask any child, including my 8-year old son, how to stop climate change, and they will say stop burning fossil fuels! We are here tonight to negotiate the relative value of coal versus our children's lungs. Why aren't we saying no? Legislatively, it is not possible. It would be gridlock. Other people need to step up and they have through civil disobedience. However, this needs to escalate.

**Wes McCart. Steven County Commissioner. #43.**

***Sectors Addressed: General – Oppose Action***

I was elected to represent a rural community. Our main economic base is agriculture, timber, and mining. We are a very economically depressed county. Any action you take, whether it be a

carbon tax or cap-and-trade, needs to look at the economic effects on the entire system – both urban and rural. The effects need to be looked at on a geographic level, not at the State level. The difference is that our rural residents have to travel more. In case you haven't noticed, the distance between farms and up into the timber lands is far in rural areas. It takes a lot of fuel and a lot of extra miles. We will cease to be able to transport food and timber to other areas if fuel prices increase dramatically. This will be an issue with VMT reductions and taking a one-size-fits-all approach to that reduction. We need to look at the impacts to all communities. If WA takes the lead on this by ourselves, we will ruin our economic base and we will see our businesses flee. This will not allow us to clean up the environment you are talking about today because there will be no money.

**Sarika Paulmiker. Student at Gonzaga University. #114.**

***Sectors Addressed: General – Carbon Tax & Environmental Education***

One way to address climate change is to promote and incentivize clean transportation with a revenue neutral tax. The tax will be higher on gasoline and lower on the things we like. This would be a gentle push on WA residents to live more green. Second, education reform is needed to raise awareness on these issues. I'd like to add that a cost-benefit analysis of ways to reduce GHG emissions may be needed for policy decisions, but monetizing the environment will never result in the true value of ecological services. Finally, we need to think about the image WA is sending to future residents if we do not take action.

**Samantha Zimmerman. Gonzaga Law Student. #35.**

***Sectors Addressed: General – Atmospheric Litigation***

All across the country a movement is occurring called atmospheric trust litigation. People all over the country are bringing lawsuits against their state government to force them to reduce their GHG emissions. There is currently a case waiting for review against WA. The case is requesting that the State reduce their GHG emissions by 6% annually to eventually get down to 350 ppm by 2100. If we wait to tackle climate change until 2020, we would need to reduce our GHG emissions by 13.5% annually as opposed to 6% to achieve the same results. I'm asking Governor Inslee to submit a consent decree for this case.

**Wendy Gadle. Bricklin & Newman LLP. #12.**

***Sectors Addressed: Transportation – GMA***

My happiest times have been with my child and extended family in the great outdoors. I want to see those values preserved for future generations. Our firm has a 30 year history of litigating environmental cases. Tonight, I want to talk about VMT and urban sprawl and how to address those issues. Transportation represents over 50% of GHG emissions in the State. The State has VMT goals but little to no mechanism to enforce compliance. Our existing law lacks teeth. The current problem we see is that each agency says it's the other agency's problem. We believe agencies should be working together. Current law does not assign responsibilities. The State needs to create a statewide system where each local government has the duty to make a meaningful reduction in VMT. I'm now going to talk about the GMA. One method to curb VMT is to amend the GMA to reduce urban sprawl.

**Judy Avery. Citizen. #55.**

**Sectors Addressed: Electricity – Coal Trains & Renewable Energy**

John Spillmen was my hero when he said you can't build the refinery at Cherry Point. I'd like to see you do that in Vancouver and to the coal trains. WA has done a great job stopping coal. History is important and I'd like to see this panel look at things that have worked. Carter's presidency had great tax incentives for renewable energy. The next administration stopped that. I would have loved to see what would have happened if that program had not been stopped. I think the solution to our energy problems lies in small communities and regional areas. I used to live on the Westside of the State on a little island by Anacortes. This community got really excited about solar panels. Individuals are now selling power back to the grid and some are even off the grid. Their fire department now gives seminars on solar panels to teach people how to use the technology. It worked really well.

**Bob Murphy. Citizen. #46.**

**Sectors Addressed: Electricity – Renewable Energy; General – Green Jobs**

My wife and I recently built a sustainable, energy efficient home in Spokane. We live in a community where the neighborhood started a solar panel project. Part of the problem of where we live is that it's a beautiful area, but it's a stone throw away from the railroad tracks. Last Saturday we saw a coal train sit down in the valley overnight with the diesel engine running, which I believe is against railroad policy. I am fearful of 40 additional trains doing the same thing and possibly bringing down the property values of our home. My heart goes out to those in smaller communities that have spoken here tonight. I'm not against smaller communities, I would love to see them thrive. I'm not against jobs, I really want jobs. But I want the jobs that you are proposing Mr. Governor. I don't see it as governmental override or taking away my rights, I see it as you preserving the things that I value so my grandchildren can live in an environment that is healthy and productive. I watched the movie American Winter – it's about poor families that aren't able to make ends meet and it's tied to renewable energy. A renewable energy economy would help these people out and I applaud you for taking steps in this direction.

**April Beezly. Citizen. #122**

**Sectors Addressed: Electricity – Renewable Energy**

I wasn't planning on speaking, but with some of the comments made tonight I felt it was necessary for me to speak from my heart. I'm not here to debate about climate change because it's a proven fact. You cannot overpopulate the planet and not have a negative effect. I want to get out of dark aged thinking and stop being afraid of change. Let's have WA be on the forefront of clean, sustainable energy, which will create jobs and bring us into the 21<sup>st</sup> century. And by the way Governor, Spokane is turning purple and many of us support what you do.

**Mary Lou Johnson. Citizen. #86.**

**Sectors Addressed: Electricity – Coal Trains & Renewable Energy; Transportation – GMA & Alternative Fuels; General – Green Jobs**

I want to endorse the prior testimonies of the Land Council, the Riverkeepers, Futurewise, the Center for Justice, and the Environmental Law Clinic of Gonzaga University. I have three specific policies to recommend: 1) We need to end our reliance on coal. I don't want additional diesel powered coal train coming through Spokane damaging our health through air pollution and polluted waters. 2) We need to decrease GHG from transportation. 3) We need to invest in

clean energy and an environmentally friendly transportation system – I think this is the solution. I also share the want for new jobs – but not in the old, polluting technologies. These new jobs should come from clean energy production, solar and wind, and in building higher density urban communities and a public transportation system for the 21<sup>st</sup> century. One thing we could desperately use is a really good high-speed passenger rail transportation system like the ones we see in Europe. Our time is limited on acting on these issues and I hope you understand that.

**Justin Bell. Citizen. #14.**

***Sectors Addressed: Transportation – Alternative Fuels***

My wife and I moved to Spokane for clean air. My wife was a lifelong folk dancer, but in LA she became asthmatic because of the smog. Before very long, she couldn't walk across the living room without running out of breath. After moving to Spokane, her health improved dramatically and she is once again dancing with joy and enthusiasm. I ask you to deal with global warming and to remember all the benefits associated with reducing global warming; this includes an increase in our quality of life as we address ozone, dust, particulate matter, and smog. Asthma, allergies, emphysema, and other lung problems are very costly to deal with and much of that burden often falls on the State. To reduce global warming, I ask you to consider all the usual methods such as wind, solar, and geothermal, but to also consider a variety of other techniques such as the engine I brought that is running off dry-ice. This can also be run off biomass, solar, waste heat, emissions from smoke stacks, and waste heat from electrical plants. There are many alternatives to consider including carbon fiber that is made here in Spokane, which can greatly reduce the weight of airplanes and cars.

**Carol Ellis. Spokane Teacher. #71.**

***Sectors Addressed: General – Cap and Trade & Research and Development; Transportation; Electricity – Renewable Energy***

I'm here to represent the 1,000 of children I interact with as a teacher. I teach my children to observe. One of things I observed is that on your website for the climate change workgroup, you are not current on the California Cap and Trade information. You are lacking the information from 2013, where it shows that the cap and trade system is raising the price per unit on the auction blocks. You have a lot of information about the problems with the EU plan, but here is what you need to do to counteract that set of problems: 1) you need to regulate the market and supervise it. That is what is happening in CA. 2) You need to set the free allowances high. 3) You need to keep the offsets in WA because they play games with offsets internationally. 4) You need to have all businesses, not just power plants as part of the system. I want it all. I want better transport, clean energy, incentives, and research at our universities and schools.

**#50.**

***Sectors Addressed: General – Public Health***

You are responsible for all the humans on the planet and the residents of Spokane's health. Think about that for one second. You are responsible for the unborn and the people who are too young to do anything, like vote. Think about the unborn. If you put money in front of healthy air, you will regret it because you can't eat silver or gold. Switzerland is way better than WA because it is clean there. Everything's healthy and the air is clean with no toxics that you have to breathe in. I know this because I lived there for two years. I smiled a lot more there. It's difficult to smile here. I have a hard time. But I do find time to smile because there is still joy out there. And there

is still hope. Let's work together on this because we all want to have a good, long, healthy life. I know that for a fact. Clean air is better than not clean air and no toxics in the air is better than toxics in the air. Let's figure it out.

**Ken Garceau. Citizen. #104.**

**Sectors Addressed: General – Oppose Action**

The IPCC will have you believe that CO<sub>2</sub> emissions are strictly manmade. They do not take into consideration volcanism, shifting ocean currents, the position of the Earth and the sun, winds, clouds, precipitation, El Nino, La Nina, and other natural cyclical elements. They wrote that the arctic ice caps would be gone in 2007. Motivating factors for the global warming hoax include: 1) the government wants millions in global warming taxes; 2) science is getting millions in global warming research grants; 3) businesses will make millions off of solutions; 4) UN wants to redistribute millions in wealth redistribution schemes; and 5) government wants to regulate the energy market. Why does this Workgroup exist? There has been no statistically significant warming since 1995. Since 2002, the Earth's temperature has decreased.

**Laura Carder. Citizen. #92.**

**Sectors Addressed: General – Oppose Action**

I believe in conservation and recycling and reusing. I reuse my bathtub water for flushing my toilet, but I would be opposed to any law that mandates that you live like I do. A few years ago there was global warming. There was also global warming on Mars. What were the Martians doing? Were there any Martians causing global warming on their planet? No, I believe global warming depends on the sun. The sun has cycles. It has solar flares and solar activity which has a lot to do with our climate. I don't think there are many things we can do to regulate the sun. Now there are things we can do on our planet which would likely affect our climate, like exploding a nuclear bomb. A few years ago there was a global warming conference in Denmark and I think God had an answer to their problem. He sent them a blizzard with record low temperatures. What will the tax on carbon entail? Are you going to be taxing the air we exhale? This will get ridiculous. We need more freedom and less government.

**Monica Eckhart. Unemployed College Graduate. #9.**

**Sectors Addressed: Transportation – Renewable Energy; General – Environmental Education**

I moved to Spokane when I was 18 years old and was told I couldn't swim or fish in the Spokane River. I grew up in the outdoors and it is very important for me that these areas are preserved and kept pristine and healthy so that individuals have the option to live off the earth and aren't forced into an urban environment. Some kids don't even know that food comes from the ground – they think it comes from the grocery store. I think it's important for people to see the connection between the environment and our food. Also, in my life I've seen individuals who are really excited about recreational activities, but these are the people that are denying climate change is happening and burning fossil fuels (snowmobiling). Why can't we move to an alternative form of energy so that we can use the fuel for pleasure?

**Rick. Citizen. #22.**

**Sectors Addressed: General – Environmental Education**

Apparently there is still some debate about whether climate change is real. Everyone is entitled to their own opinions, but not their own facts. Please get the facts. There is a lot of information

about climate change, but please don't look at mainstream media. CNN, Fox, and NBC are operated by businesses that are looking to increase short-term profits, not protect our planet. I suggest looking at [realclimate.org](http://realclimate.org), [thinkprogress.org](http://thinkprogress.org), or Google "Nature Bats Last." Humans have tinkered with the environment since we were first on this Earth. Read anything you can by James Hanson, the former NASA Scientist. He recently updated his previously completed studies and found that we are in far worse shape than we thought.

**Timothy Coleman. Kettle Range Conservation Group. #67.**

***Sectors Addressed: Electricity – Energy Conservation***

My organization works on forest conservation issues and works very closely with the timber industry. We are very concerned about the effects of climate change on timber. The impacts of climate change are already upon us with warmer winters and dryer summers having had quite an impact on the presence and spread of the pine beetle in Northwest forests, which have in turn impacted the economy. Drought and storms have caused millions of dollars of damage. It is up to us to ensure that our children don't see significant climate events each summer. Storms in my town have gotten worse and science tells us this is just the tip of the iceberg. Adaptions to climate change through a green economy will result in many new jobs. Energy efficiency is the cheapest way of conservation and it puts people to work. I live off the grid with all the modern appliances.

**Christine Clark. Citizen. #81.**

***Sectors Addressed: General – Carbon Tax; Transportation – Public Transit***

I've lived in WA for 40 years and have four major points. First, the big picture is that climate change is affecting our planet and we only have one. We can't move someplace else. Second, I do not support a cap-and-trade system. EPA thinks it's wonderful, but it's not. I do support a carbon tax. A lot of people are allergic to taxes but the carbon tax will help our planet stay healthy. Third, I encourage you to work together with other Workgroups. I encourage a conference with British Columbia about the carbon tax. I would like to come to a meeting between Canada and WA. Fourth, clean public transportation is so important. This is important to those that can't afford a car. I used to be able to take transportation everywhere when I was a student in Detroit. Where I live now, Kennewick, there was no transportation system! We had to help build the transportation system.

**Pattie Bradley. Citizen Disaster Reservist. #124.**

***Sectors Addressed: Transportation***

It isn't a matter of if climate change will come to WA, but when. We are thinking globally but acting locally. Here is something you can do to help the citizens of Spokane – please build the rest of the freeway between the 90 and the 2; the 395. Right now the semi-trucks have to get off the 90 and plow their way very slowly through residential neighborhoods and roads, spewing GHG. There are schools and residential neighborhoods in this area that are exposed to the pollution. This freeway has been under consideration since 1946. Please do this for us.

**Dan. Retired Nurse. #132.**

***Sectors Addressed: Electricity – Renewable Energy & Coal Trains***

I want to promote the humble walking stick as it doesn't burn GHG. I used to work in a car factory that built V8 engines and when I bought my first Toyota all of my fellow workers

couldn't believe it. They thought we were making an amazing product – but look at Detroit now. We need technology and jobs that will take us into the future, not stuff from the past. We need to build light rail, high speed rail, solar panels, and electric chimneys in the old factories. This will put young people to work and answer this problem. Coal trains are not the answer. China is now finally getting concerned about how polluted their country is. It is becoming unlivable. They want to cut back on coal. We do not need to promote and use technologies from the past.

**Senator Andy Billig. 3<sup>rd</sup> Legislative District (Spokane). #34.**

***Sectors Addressed: Transportation – Alternative Fuels (Aviation biofuels)***

As a business owner and a legislator I see that a healthy economy and a healthy environment go hand and hand. In fact, a healthy economy requires a healthy environment. The key to addressing climate change is finding transportation solutions. For example, WA has led the way in aviation. We are currently importing aviation biofuels from other areas, but we can become leaders in this area. We should focus on renewable energy.

**Brady Irwin. Whole Energy Fuels. #47.**

***Sectors Addressed: Transportation – Alternative Fuels***

We are very strong supporters of the low carbon fuel standard (LCFS) and see potential in increasing the infrastructure for this technology. We worked on getting the LCFS implemented in CA. We see potential for this in WA and in the surrounding region.

**Ann Murphy. Spokane League of Women Voters. #5.**

***Sectors Addressed: Electricity – Renewable Energy (tax incentives); Transportation – Public Transit & GMA***

Last year, the League completed a renewable energy study that allowed us to update our position. We want the focus on energy programs to be on positive energy saving strategies such as tax incentives and energy saving improvements. This includes wind, solar, and energy from waste. League members support the development of a smart grid. We would like a range of methods to conserve energy in our homes and in making transportation choices. A balanced transportation system as well as comprehensive land use planning is key. I'm encouraged that your work is a continuation of previous work. I wish you luck in bringing WA into a better place.

**Kimberly Clifton. Citizen. #30.**

***Sectors Addressed: Electricity – Renewable Energy; General – Agricultural Policies***

I am the mother of two small children and I lived in Germany after growing up in Spokane. Germany is planning on switching to solar power by 2050 even though they get as much sun as AK. If they can switch to solar power, so can WA. My concern with WA itself is that we are an agricultural state (apples, potatoes, and wheat) and in order to have healthy crops we need to make sure that pesticides, fungicides, and CO<sub>2</sub> emissions that affect farms next to the highway are not poisoning our food. We need to concentrate on that. I want to see more scientific research so we can make informed decisions about policies and I want more enforcement of these policies. We need more jobs. We can pave the way for the U.S. and for generations to come.

**Fred Rettemund. Inland Power and Light. #80.**

***Sectors Addressed: Transportation***

We are a small utility in the Spokane area. Our portfolio of resources is 87% renewable and 97% non-carbon emitting sources. We like this mix and plan on keeping it that way. Many utilities in WA are like us in terms of their energy portfolio. In WA, transportation is where the carbon emissions are really at. It accounts for 44-45% of our emissions. We would urge you to keep your eye on the ball. Primarily, this is largely an urban issue. From our perspective, we see your efforts as being a real strong, but initial effort in sorting out these issues. We would urge you to take a little bit more time in order to get this right.

**Ron Collie. Citizen. #51.**

***Sectors Addressed: General – Agricultural Policies***

Over the past 20 years we have seen an increase in one-crop agriculture production, which has led to a significant increase in pesticide use. Companies are making about \$8 billion off of licensing fees through biotechnology. Today our food is allowed to have 60 times more weed killer than our water. The Union of Concerned Scientists has documents of the false claims made by biotechnology. Non-engineered crops will reduce the use of fossil fuels because they require less water and pesticide use. We need to focus on sustainable farming methods and reducing miles traveled between where the food is produced and where it is eaten.

**#108.**

***Sectors Addressed: Electricity – Coal Trains; Transportation – Public Transit***

I was driving to Montana on a two-lane highway and as I came around the corner, right in front of us, was a diesel train. It was right in front of a fishing area and surrounded by pristine environment. This is the visual we are talking about – a recreational institution with a diesel train right in the middle. Recreational access in Montana is so important. This could come to Spokane four times a day. We need mass transit. I take light-rail every time I'm in Seattle and other urban areas. That's what we need to do.

**Evita Krislock. Episcopal Diocese of Spokane. #118.**

***Sectors Addressed: Electricity – Energy Conservation; General – Environmental Education***

I am overwhelmed. What I implore you to do is look at the big picture. In 2009, we adopted the Genesis Covenant. Through this, we committed to reducing our footprint by 50% by 2020. The only way we can do that is by focusing on the things we are responsible for and doing better than what we have been doing. I serve on the Property Committee where we are in charge of retrofitting homes and installing new windows, and it's not easy. I want you to look at all the actions you are taking. It's about education – it's about everyone believing that we can do something better. On my way in, I saw three different signs: save money, live better, and rethink energy. If we think we can, or think we can't we are right.

**Michael Cathcart. Spokane Home Builders Association. #10.**

***Sectors Addressed: General – Oppose Action***

I have two main questions for you to consider: 1) how many private sector jobs will the Spokane region lose to Idaho if you implement any of these proposed policies? We have to remember that Spokane is on the border. This means our businesses have opportunities just a few miles away. 2) How many Spokane families will suffer from increased fuel and carbon prices? The LCFS,

VMT, and the fuel tax will hurt us. I cannot find any studies on your website that perform an economic analysis. Part of your charge asks the Workgroup to look at relative impacts of the policies on different sectors – including impacts on power rates, agriculture, fuel costs, household consumption, housing costs, and low-income populations. The jobs that could be lost are real and represent real people and real families. Please ask for our input after these studies are complete.

**Jace Bylenga. Sierra Club. #56.**

**Sectors Addressed: General – Environmental Education**

I'm a new employee with the Sierra Club and before that I worked with low-income youth in Spokane. Through my job, I brought youth out to explore the natural environment. I want to see more environmental education including scientific facts about climate change. We can say that climate change is human-induced with more certainty than we can say that cigarettes cause cancer. We need to take action now for future generations. We need to work to slow down the impacts of climate change – this would be justice. Moving forward, this is a daunting problem, but in WA we can be leaders and we can show leaders how to move forward and create green jobs and a green environment.

**Carol Johnson. Citizen. #53.**

**Sectors Addressed: Electricity – Renewable Energy; General – Environmental Education**

I would like to see a Smart Grid for a more efficient energy system. We could start at the more local level or the State level. The nation can then follow our lead. For example, with solar energy we do not have the storage capacity at this time for a large system. I would like to see us use fossil fuel generation facilities more efficiently in the midterm. We should reward houses that use solar energy. I would like to see solar panels on every house. I want to see a neutral website provided by the WA government where we can get our facts. That way we can give you a more informed opinion. I want to see job training – carbon free facilities, green jobs, solar jobs. It's all about keeping harmful particulates out of the environment. It does not all have to do with climate change. So even if you don't believe in climate change, you should believe in environmental impacts.

**Sasha Pollack. Washington Environmental Council. #15.**

**Sectors Addressed: General – Agricultural Policies & Public Health**

Tonight I have heard concerns about the effects of the proposed policies on low-income populations. Another factor here is that low-income populations do not have access to health insurance in the same way that other folks do. Children and the elderly are highly impacted by asthma, heat strokes, and particulate matter. As we see climate change impact food prices and water, this will impact low-income individuals very dramatically. Agricultural prices affect all of us and those issues that affect agricultural prices, such as droughts, forest fires, changing landscapes, will make it very difficult to keep WA as an agricultural state if we do not address the impacts of climate change. There are some wonderful opportunities in agriculture such as biodiesel that could help us remain an agricultural state.

**#54.**

***Sectors Addressed: General – Public Health***

I want strong climate action now. I want my nieces and nephews to have access to clean jobs in WA. I don't want them to think about global climate catastrophes – drought, flooding, or decreased snowpack. I'm nervous about increased asthma associated with increased ozone levels. My nieces and nephews deserve a childhood like I had, with plenty of salmon and a healthy environment where they can fish and enjoy the outdoors. I want them to be proud as a WA citizen for doing their part to ensure a safer climate for their effective future. Please deploy solutions immediately so WA can meet its goals.

**Cheryl Costigan. Citizen. #106.**

***Sectors Addressed: Electricity – Coal Trains & Renewable Energy***

I live in Idaho but came to this meeting because climate change is very important to me. I was part of the original movement that helped implement the Clean Water Act. Northern Idaho is beautiful as well as Spokane and I don't want to see coal trains going through it. I want to see green, sustainable jobs and I look for your leadership. We aren't even talking about this in Idaho. I like to breathe. I have asthma. I'm worried for the future. I don't want to breathe the air that we see in China, which is what will happen if we allow coal trains. I want a future for my kids. We need renewable energy solutions – wind, solar, wave, and biomass energy. I did want to tell you about a website where you can get reusable water bottles: reuseit.com.

**Mary Jokela. Citizen. #96.**

***Sectors Addressed: Electricity – Renewable Energy; Transportation – Public Transit, GMA, & Alternative Fuels***

Spokane children are seeing increased risk from diesel particulate matter and mercury exposure from diesel emissions. WA's shellfish are having issues creating their shells due to ocean acidification, which is due to carbon dioxide. We are connected with all life forms as we are all required to have clean air and clean water. We need to protect these critical assets. We need clean jobs. We need to support all economic incentives for clean energy and green jobs. We need to help utilities move away from coal fired power and strengthen land use regulations. Since 50% of GHG emissions in WA are from transportation, put solutions on the table that both reduce our GHG from transportation and give us more choices to get around safely and cleanly. Minimize putting roads in wild places. Envision solutions that are the highest and best for all.

**Joyce Alonso. Spokane Audubon Society. #79.**

***Sectors Addressed: General – Leadership; Electricity – Coal***

My main concern relates to leadership in these problem solving tasks. We are confronted by new and challenging issues that involve all of us. At the same time we are faced with the failure of the federal government to do anything. So either we throw up our hands and pretend nothing is happening, or we work together at the State and local level to address our climate problems. We are counting on you, Governor, to be the 21<sup>st</sup> century Washington. You will need to lead us in a collaborative approach to address these problems. As a child I watched coal being dumped into our basement and my mother complain about the filth. We put men on the moon and put rockets past Mars, so we have the technology and intelligence to make progress, we just need the will and the vision. In 1957, the British took the drastic step of barring coal – it's time we did the same.

**Julia Delsay. Idaho. #140.**

**Sectors Addressed: Electricity – Coal; General – Public Health; Transportation**

I first heard the Governor speak at a NEPA event in Spokane and I was really attracted to his forward thinking. I am a physical therapist assistant and I have serious concerns about the coal related impacts on public health – particularly cancer links. I live near a superfund site and deal with the legacy of toxins being dumped into Lake Coeur d'Alene to the tune of 39 million tons a year. I am concerned with water quality issues. I wish we had some influence to repeal the mining laws from 1872. I would hope that in forward thinking about energy policies we think about fracking standards and really think about water quality. I hope we also think about transportation issues, as WA can be a positive influence on ID. We are very far behind. Our Governor has supported pipeline development in our State and I don't think WA would do that.

**Silvan Silvache. Citizen. #132.**

**Sectors Addressed: General – Carbon Tax**

I am currently in the process of moving from Southern CA to WA and I've had a wake-up call on what is happening here. If you are supporting a carbon tax, I don't know if I want to move here. I don't think I have enough money for you to collect a tax and still be able to provide for my family. America has always led because of its innovation. Instead of taxing, I would rather you subsidize positive energy developments. I don't think we need to sacrifice food on the table for our current children for healthy lungs for future children. I think we can do both.

**Tyler Pew. Citizen. #144.**

**Sectors Addressed: General – Addressing the Source**

I would encourage you to avoid simple, punitive issues and instead address source issues. For example, commuter traffic is an issue that contributes to GHG. The solution here would be public transportation. For businesses that are not efficient, incentivize LEED standards as opposed to taxes. Smart Grids could also be used. For jobs and a reliance on fossil fuels, incentivize education and re-education so we don't have to address unemployment and fossil fuels, but rather both together. If you address the source issues then people will be more likely to agree to the policies.

**Dale Gill. Citizen. #16.**

**Sectors Addressed: General – Forest Offsets**

I recommend researching CARB's forest programs which include purchasing forest offsets. This would incentivize keeping forest stands intact. For the CARB's voluntary program, the price floor is set at \$10 – this reduces the chance of a carbon market collapse. The private forest owner that wants to enhance their growth in the long-term as well as the carbon emitters would benefit from this system. I recommend you investigate joining the carbon forest market.

## **Closing**

The next public hearing will be held in Seattle, WA on October 23, 2013. The Governor thanked everyone for attending and for being respectful. The meeting was adjourned at 8:17 p.m.