

Oral Testimony of Deb Evans, Ron Schaaf and Hair on Fire Oregon
In support of Strengthening Clean Energy Jobs Bill HB 2020
February 22, 2019, Medford, Oregon

Co-chairs Dembrow and Power, and members of the Carbon Reduction Committee,

Thank you for coming to southern Oregon to hear our testimony. I am speaking on behalf of Hair on Fire Oregon, my husband Ron Schaaf and myself. We are residents of Jackson County. We started Hair on Fire Oregon with a group of friends in 2015 over our concern for the proposed Jordan Cove LNG project and the existential threat of climate change that is already having major consequences here in Southern Oregon.

For 5 years now, Hair on Fire Oregon has been driving up to Salem to testify, running ads like these before you in the Statesman Journal (see pages 4-7), educating ourselves and collaborating with others—**all to encourage our Oregon legislators to PLEASE ACT by passing a cap bill!**

We are in strong support of HB2020 and want to express our sincere thanks to this committee for your diligence and effort in putting together a well thought out program. Given the climate impacts Southern Oregon is already feeling—diminished snowpack, drought, longer hotter summers—all leading to the fires and smoke that are having further devastation on our communities—HB 2020 is precisely what we need to transition away from GHG and the cause of climate change, and toward a clean energy economy that will protect and preserve our livelihoods here in southern Oregon—**livelihoods and jobs that depend on tourism, agriculture, timber and recreation.**

By using a market-mechanism approach, HB 2020 ensures that the transition is done in an equitable way at the lowest cost and will provide funding at the local level for our communities to further reduce our GHG footprints and transition to clean energy jobs and an economy that will further reduce costs to citizens of our state and take advantage of the tremendous abundance of renewable energy—wind, solar, geothermal, tidal and hydropower—we have in Oregon. These are wins for Southern Oregon as well as the entire state.

We want to draw your attention to a few specific areas of the bill that need strengthening.

Section 18 – Emission-Intensive Trade-exposed at (2) states:

*A covered entity or opt-in entity that is a fossil fuel distribution and storage facility or infrastructure, or an electric generating unit, **may** not receive allowances at no cost under this section and section 14 of this 2019 Act.*

“May” should be changed to “shall”. The bill should not, and **must not**, promote a free allowance pass for fossil fuel infrastructure under EITE now, or later.

Fugitive Emissions – The bill should address fugitive emissions and acknowledge the impacts of life-cycle emissions where fossil fuels are utilized. This is particularly important with natural gas where methane has a global warming potential that is 86 times that of Carbon Dioxide over a 20-year time frame. Too often natural gas is cast as “clean” but fracked gas is anything but clean and underreporting of methane leakage makes the use of natural gas far more harmful than what is being recorded. The EPA under Gina McCarthy identified significant areas where methane leaks along the supply chain. While we recognize we may not be able to cover losses upstream or downstream from Oregon, we should be doing everything possible to report, track and prevent the actual leakage of methane and other harmful gases within our borders **and recognize the life-cycle emissions that the use of fossil fuels triggers.**

HB 2020 should **ensure the adoption of the most current global warming potential (GWP) of Greenhouse Gases using Intergovernmental Panel on Climate Change’s (IPCC) Assessment Report (AR) within 2-years of its release and based on a 20-year rather than 100-year time frame.** Currently Oregon is using the Global Warming Potential from IPCC’s AR4 released in 2007. AR5 was released in 2012 and AR6 is currently set to be released this year. For methane, Oregon currently uses the GWP of 25 times that of Carbon Dioxide (CO2). AR5’s GWP of methane on a 100-year time frame is 34 and on a 20-year time frame is 86 times that of CO2.

Section 9 (4)(c) – Penalties for not surrendering compliance obligations will be some number of additional compliance instruments – while not spelled out in the bill, the number should be sufficient to deter emitters from non-compliance.

Section 31 Uses of Climate Investments Fund at

(3) Funding to reduce GHG emissions associated with transportation, including but not limited to investments in transportation electrification, transit, fuel and energy efficiency in vessels powered by marine engines and roadside landscape management efforts that promote carbon sequestration.

The life-cycle emissions analysis of fuels must be conducted when determining if a particular fuel actually reduces GHG emissions over an alternative choice. The calculation of combustion alone does not tell the full story.

In closing, we have provided you with two results from a 2018 public opinion poll on Jordan Cove that show 69% of Oregonians are not in favor of Jordan Cove and that 72% show strong support for a transition to renewable energy. From the crosstabs provided on Congressional Districts and how respondents tend to vote, you can see that this is not just a “left” or “right” issue and it’s not a “rural” versus “urban” issue. Oregonians across the state—north, south, east and west—get that renewable energy IS the future. We STRONGLY encourage you to PASS HB 2020 and put Oregon on the trajectory to a clean energy economy.

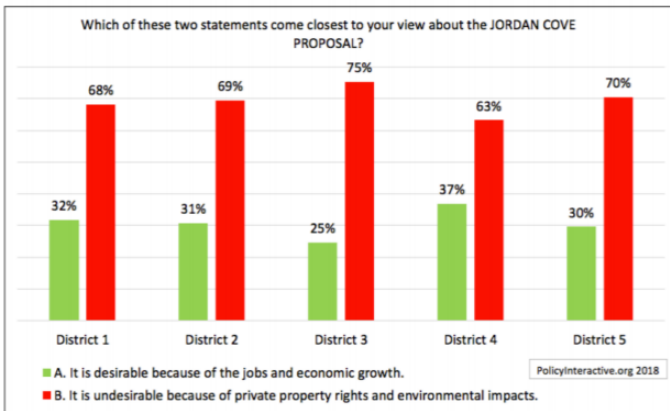
THANK YOU.

Public Opinion Poll shows Oregonians don't want Jordan Cove LNG. . .

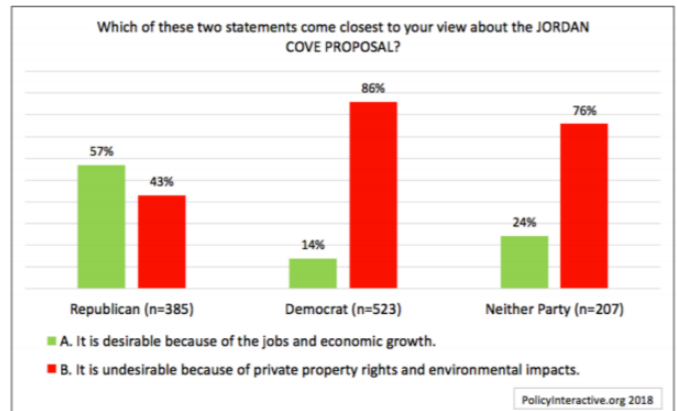
Full poll was conducted in Jan-Feb 2018 by PolicyInteractive and can be found here: <https://www.policyinteractive.org/2018/05/09/little-support-for-jordan-cove-lng-proposal/>

Q9. Which of these two statements comes closer to your view about the project: A. It is desirable because of the jobs and economic growth. OR B. It is undesirable because of private property rights and environmental impacts.	N=1115 %
A. It is desirable because of the jobs and economic growth.	31
B. It is undesirable because of private property rights and environmental impacts.	69
Total (may not total due rounding error)	100

Results broken down by Congressional District:



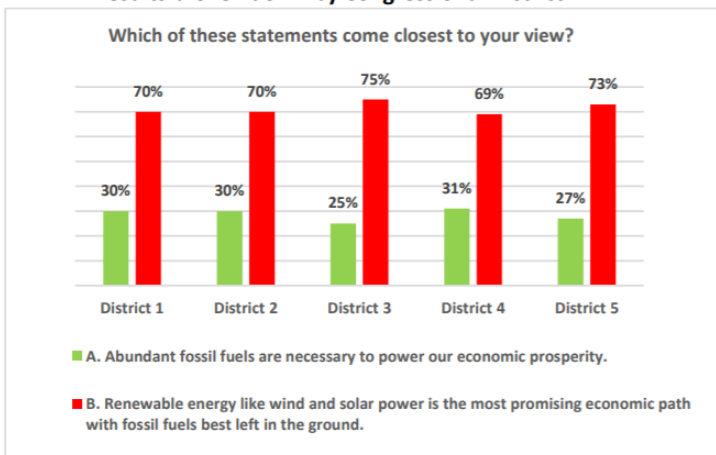
. . . and by how respondents tend to vote:



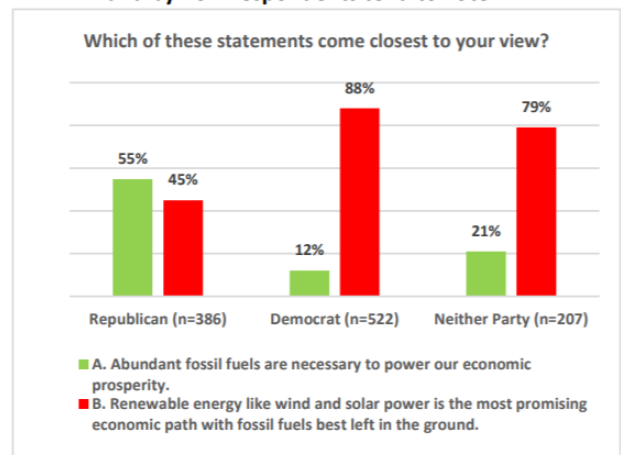
. . . and do want to transition to renewable energy.

Q12. A or B: A: Abundant fossil fuels are necessary to power our economic prosperity. OR B. Renewable energy like wind and solar power is the most promising economic path with fossil fuels best left in the ground.	N=1115 Strong+Lean Combined %	N=1115 %
Feel Strongly A. Abundant fossil fuels are necessary to power our economic prosperity..	28	9
LEAN TOWARD A.		19
LEAN TOWARD B.		24
Feel Strongly B. Renewable energy like wind and solar power is the most promising economic path with fossil fuels best left in the ground.	72	48

Results broken down by Congressional District:



. . . and by how respondents tend to vote:





It's simple... protect what you love.

Climate change is threatening all that we have hoped for for our kids and grandkids. If we as parents and grandparents don't act on behalf of all we love, who will? **SB 1574, the Healthy Climate Act**, reduces pollution and transitions us to a clean energy future our children can thrive in. Please speak up. Oregon needs your voice.



Please call and thank Senator Edwards (503)-986-1707 and Senator Beyer (503)-986-1706 for championing this comprehensive bill and continue to ASK all of your elected officials to make **passing the Healthy Climate Act Oregon's TOP PRIORITY.**

LEARN MORE AT:

<http://www.sightline.org/2016/02/16/why-oregon-needs-the-healthy-climate-act/>

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It's simple...my future is in your hands.

Dear Senators Edwards and Beyer,

On behalf of myself and individuals of my generation across the world, thank you for taking a significant step in fighting the climate crisis and championing **Senate Bill 1574, the Healthy Climate Act.**

As we grow into adulthood, my generation faces both the weight of great responsibility and the possibility of immense hope. While our generation is not the first to be born into a world affected by climate change, we quite possibly may be the last with the opportunity to change the current trajectory of the planet before it is too late. We must be prepared to reach across the world and the aisle to achieve the immense task at hand.

For young adults in the world today, the brightness of our future will be determined not by our academic or professional achievements, but by our commitment to fighting for the health of the planet. I thank you for exhibiting your commitment to preserving the world you are passing into our hands.

Sincerely,

Dana Greenblatt

Senior, University of Oregon

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**Fellow Oregonian, contact your legislators and ask them to
PASS the Healthy Climate Act NOW!**

LEARN MORE AT:

<http://www.sightline.org/2016/02/16/why-oregon-needs-the-healthy-climate-act/>



It's simple...

The world our children
will inherit tomorrow,
depends on our
decisions today.

Dear Senator Edwards,

On behalf of our children and the children of Oregon who are not yet old enough to vote but who will inherit the results of our actions today, we want to express our gratitude to you for your outstanding leadership and vision in championing Senate Bill 1574, the Healthy Climate Act. We also want to emphatically thank Senators Beyer, Prozanski and Dembrow and Representatives Barnhart and Buckley for your courage and conviction. This bill is a landmark in Oregon legislation. It demonstrates the will of the people of Oregon to protect our state, our nation, our planet and our people from the worst of the ravages of climate change. Future generations will see this as a critical moment in the fight against climate change and will judge us on whether we were part of the problem or part of the solution. We thank you for being on the right side of history—the side of our children and grandchildren.

Sincerely,
Hair On Fire Oregon

**Fellow Oregonian, please
thank these six champions and
urge your Representative and
Senator to pass the Healthy
Climate Act NOW!**

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IT'S HONEST...

"The truth is, you always know the right thing to do, the hard part is doing it." – NORMAN SCHWARZKOPF

IT'S SIMPLE...protect what you love.

IT'S TIME...cap & reduce greenhouse gas emissions *now!*

Time is running out and action is necessary to curb our greenhouse gas emissions and poise Oregon for a clean, strong and responsible energy future.

Our children's future depends on it!

Watch and share *Waking Up the Future* (<https://youtu.be/LjwNQvZU4gE>) to learn what Oregon youth, Jacob Lebel, is doing to help secure his future.

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