

[REDACTED]

From: Alex Papasavas [REDACTED]
Sent: Tuesday, February 22, 2022 8:42 PM
To: House Energy
Subject: HB 301

Chair Schrage and members of the Committee,

I was excited to learn of Governor Dunleavy's backing of the Alaska's Railbelt Renewable Portfolio Standard (RPS). It is a win win for this State. Alaska can be more energy independent with the solar, wind, and tidal potential here while creating more local and well paying jobs. Also there would be less dependency on Washington's oil refinery. And the best part would be the benefit of lower and more stable energy prices for all of us along the Railbelt. Please, vote in favor of SB 179 as well as in the future of Alaska.

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Thank you,
Alex Papasavas

[REDACTED]

From: Chris Lee [REDACTED]
Sent: Friday, March 4, 2022 10:54 AM
To: House Energy
Subject: RE: Renewable Portfolio Standard (RPS)
Attachments: Clean currents poster 10112021.pdf

Dear Honorable House Energy Committee Representatives,

Hello, this is Chris Lee, President of Tidal Energy Corp, and developer of the Turnagain Arm Tidal Electricity Generation project (TAGEG - FERC #P-15109).

I would like to send my support for the proposed Renewable Portfolio Standard (RPS) currently under consideration by your committee.

Not only will the standard take advantage of Alaska's massive renewable resources - of which tidal energy will be a large part - a recent NREL study found that the Railbelt could achieve 80% renewable generation without impacting customer reliability.

The savings in fuel costs to Alaskans will run into the billions, and the reduction in CO2 emissions are imperative to slow down climate change, which will continue to affect Alaska's population more severely than almost anywhere else in the USA.

In addition, the development of these resources can be used to jump start the proposed Alaska-based Hydrogen Hub as described by the DOE, and get the Bush off of carbon based fuels onto renewable energy (See attached Alaska Green Hydrogen Initiative poster).

Eventually the exploitation of Alaska's renewable energy potential can be so great that it will become an exportable commodity.

And who knows more than Alaskans about exporting energy?

Thank you for your tireless work on making Alaska a leader in this effort, and please pass this important legislation.

Sincerely,

Chris Lee



Chris Lee - President
[REDACTED]
Anchorage, Alaska USA 99501

[REDACTED] www.tidalenergycorp.com

[REDACTED]

From: Connie <[REDACTED]>
Sent: Thursday, March 3, 2022 9:09 PM
To: House Energy
Subject: HB 301 House Energy

Chair Schrage and members of the Committee;

Please Support Renewable Portfolio Standard Legislation HB 301.

The current world situation has provided a backdrop for this legislation. Diversify and reduce the need for one source of energy.

Renewable energy prices are dropping as demand increases production and stabilize independence. The Rail belt region has renewable sources of solar, wind, geothermal, hydro, biomass, and tidal technologies to expand. These can be supported by transmission upgrades, batteries and natural gas generation. We CAN do this and so much more.

Please think of the future needs and the wise investment to diversify into RENEWABLE energy. Let Alaska lead the way setting a standard others can point to as what is possible.

Make Peace Profitable,
Energize Economy

Thank you for your Conscious Consideration of your Constituent.

Connie Harris
[REDACTED]
Palmer, AK 99645

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Sent with positive intentions.

Ryan Johnston

From: Kenneth <[REDACTED]>
Sent: Tuesday, February 22, 2022 4:52 PM
To: House Energy
Subject: HB 301
Attachments: Solar Array and Car2.JPG

Chair Schrage and members of the Committee,

As an Alaskan I fully support the goal of House Bill 301 to reduce our dependence on fossil fuels and legislate an energy policy that moves the state toward expanded use of alternative energy for electric Power.

Although the lion's share of my income is directly tied to the oil and gas industry, I recognize the dwindling supply of Cook inlet gas that the Railbelt energy corridor relies on heavily for power generation.

I have installed a grid tied solar array on my property and have directly experienced the advantages of adding alternative energy to the basket of power sources we can implement and rely on in the future. Naturally, small use owned solar arrays are not the silver bullet for replacing our reliance on Cook Inlet gas. Larger and more diverse systems such as wind, tidal, hydro and biomass source should also be developed and deployed.

The electric utilities are reluctant to embrace and invest in these renewable resources. I believe they need a little nudge in the right direction. I urge you and the state house to pass this bill.

Thank you for listening.

--

Kenneth Farmer
President/Senior Consultant
Business Application Developers

[REDACTED]

[REDACTED]

From: River Bean <[REDACTED]>
Sent: Thursday, March 3, 2022 6:37 PM
To: House Energy
Subject: HB301

Chair Schrage and members of the Committee,

> Please pass the bill that requires that the utilities must generate 80% of their energy requirements from renewables by 2040. We cannot keep kicking the can down the road. We are at the end of the road already! Do not let the Susitna Dam be an excuse to further "kick the can down the road" by allowing utilities to further rely on fossil fuels.

>

> River Bean

> [REDACTED]

[REDACTED]

From: Scott Hamel <[REDACTED]>
Sent: Thursday, February 24, 2022 10:13 PM
To: House Energy
Subject: HB 301

Chair Schrage and members of the Committee,

I would encourage you to adopt this bill for a number of reasons.

1) Diversification, in any way shape or form, is good for Alaska. We are an economy with very little diversification.
2) I am advising a Civil Engineering Senior Design project involving a small hydro-electric installation this semester and the excitement from the Civil and Electrical Engineering students is palpable. They can see what a great resource we have and are eager to make use of it.

And they are young enough that they are not yet jaded by bureaucracy.

They are our future, it's what they want.

3) As the saying goes, those who CAN do hydro, SHOULD do hydro. As an engineer and a scientist, this is a no-brainer. It's cheap. It's clean. It's carbon-neutral. The fuel is free forever. It doesn't generate waste that will kill you. The tech is not complex or new or changing in price. The water is already coming down the mountains, we just need to borrow some of its energy. Infrastructure is on the expensive side, but it's an investment, not a cost. Reliable energy for 100 years. Look at the ROI on the Hoover Dam! Plus those dollars include jobs for Alaskans (you can't build a hydro in Alaska...in China!).

4) Despite what anyone tells you, Cook Inlet gas is not going away.

I've done the math on heating with other methods (I'm an engineer!), Geothermal, burning wood, etc, and none of them make any sense. Cook Inlet gas heating is what makes Anchorage possible. My brother-in-law in Vermont pays 4 times per btu what we pay! We want to make that resource last as long as possible, not waste it on generating electricity, which CAN be done other ways.

Thanks for listening,

Scott Hamel, P.E., Ph.D.
Professor and Chair
Department of Civil Engineering
University of Alaska Anchorage

Ryan Johnston

From: sharon whytal <[REDACTED]>
Sent: Friday, February 25, 2022 9:44 PM
To: House Energy
Subject: HB 301

Dear Chairperson Schrage and Committee members,

We need a clean energy bill for the future of Alaskans! This legislation require the five utilities in Alaska's Railbelt to generate 80% of their electricity from renewable energy by 2040. Please add your important support to this legislation!

Sharon Whytal, RN

[REDACTED]
Homer, Ak 99603