

From: Dave Van Hersett [<mailto:davevanhersett@comcast.net>]
Sent: Monday, July 15, 2019 11:27 AM
To: Reynolds, Deborah (UTC) <deborah.reynolds@utc.wa.gov>
Cc: Snyder, Jennifer (UTC) <jennifer.snyder@utc.wa.gov>; 'Lyons, John' <John.Lyons@avistacorp.com>; Johnson, Steven (UTC) <steven.johnson@utc.wa.gov>; magneglide@comcast.net
Subject: RE: FAQ 2019 IRP and Recently Passed Legislation

Hi Deborah: My response to your questions below is yes to both. My major concern is that the true much higher costs to Avista's customers and myself from the environmental agenda sponsored by the state and groups like the Sierra Club are not fully presented for the customers for their acceptance.

When I joined the IRP TAC group years ago the objective was to provide a 20 year plan for low cost generation and energy resources. The current IRP objective seems to be to maximize a social and environmental agenda instead of low cost energy resources.

We in the Inland Empire on the west side produce food crops from our land, forest products from the timber resources and mineral resources from underground. We are already fully engaged in optimizing the management of the environment to provide a living over the decades for the Avista customers. The additional energy costs will produce a negative impact on our export products we grow and mine. These environmental and social costs will add a higher total production costs to our products and impact our competitive position in the domestic and world economy. These environmental and social objectives since the 1980's have produced uncontrolled forest fires that burn people alive, destroy property and removed a timber resource from the economy. These dark side impacts have to be included in our IRP evaluations.

So please include my comments and observations in the IRP docket for Avista.

Hoping for Reality,

Dave Van Hersett, retired PE
Avista Residential Customer since 1967

From: Reynolds, Deborah (UTC) <deborah.reynolds@utc.wa.gov>
Sent: Monday, July 15, 2019 10:25 AM
To: Dave Van Hersett <davevanhersett@comcast.net>
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Subject: RE: FAQ 2019 IRP and Recently Passed Legislation

Hi Dave,

Thank you very much for your comments. I did not see a response from us to your email, and since Jennifer is out of the office this week, I want to make sure we understand your request. You want to

make sure that the upstream impacts of resource costs, particularly related to renewable resources, are included in the IRP modeling. Is that correct? Also, do you want your comments to be entered in the IRP docket for Avista?

If Jennifer already replied, my apologies for the duplication!

Best regards,

Deborah Reynolds

Assistant Director, Conservation and Energy Planning

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After years on Evergreen Park Drive in Olympia, the UTC is moving to Lacey. As of July 1, our new address will be 621 Woodland Sq. Lp. SE, Lacey 98503. The UTC will have limited operations beginning June 21 through July 1 as we move offices. Please let me know if you have any questions, and thank you for your patience during the transition period. For more information, click [here](#).

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From: Dave Van Hersett [<mailto:davevanhersett@comcast.net>]

Sent: Wednesday, June 12, 2019 9:18 PM

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Subject: RE: FAQ 2019 IRP and Recently Passed Legislation

Hi Jennifer: I am Dave Van Hersett, residential customer of WWP and Avista since 1967. I have participated in the IRP process since its beginning. The emphasis seems to be highly biased towards incorporating non-fossil fueled generation resources, such as wind, solar and renewable biomass generation. What is not included in these options is the cost and resources needed to produce, manufacture, install and integrate these alternative resources. The materials and manufacturing of these alternative generation resources is much greater than the traditional generation resources that yield a lower cost of generation and energy for me as a residential customer. The dark side of these alternative resources is not presented nor evaluated in the total cost of these resources. I have estimated that the number of wind turbines and solar panels would be in the thousands and the mining of the minerals, making the raw metals and components of materials and the subsequent manufacture of these alternative resources would produce many times the emissions and environmental impacts that we currently incur with the traditional resources. The result would be that the dark side would produce an environmental impact many times the traditional fossil fuel generation resources. The higher cost of the alternative resources and the need for subsidies verifies that there is a significant higher impact to the environment than that is advertised. There is a substantial dark side to these alternative resources.

Thus I would suggest that the dark side of these alternative "clean" resources be included in our evaluations to get the true impact and a realistic comparison of all options.

Thank you for the opportunity to present my input to this IRP process. As the last IRP meeting financial cost data was presented that these alternative resources when fully implemented would increase my utility bill by three hundred percent. This is not an acceptable option to me as a representative of the

99% of the rate paying customers. Note that only less than 1% of the customers participate in the offered environmental options that have a higher cost than the normal electric rates. Why should the 1% impose there will on the majority.

Thank you.

Dave Van Hersett, Technical Advisory Committee Member of Avista IRP process.
June 12, 2019