

## Chiles, Pam (UTC)

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**From:** Pete Stoppani <pstoppani@gmail.com>  
**Sent:** Thursday, February 4, 2021 10:11 AM  
**To:** Records Management (UTC)  
**Subject:** PSE's 2021 Draft IRP

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External Email

Note: I tried posting this on your website but it seemed unresponsive so am also emailing my comments.

Regarding PSE's 2021 draft IRP / Dockets UE-200304 (Electric) and UG-200305 (Natural Gas)

Overall the IRP underestimates the number battery electric vehicles, especially given that in WA there is a movement to only allow new cars to be EVs by 2030. This aligns with other states and countries which are also requiring only EV sales in the 2030 to 2035 timeline. For WA, that means a jump from 2018's roughly 10,000 EVs sold to about 300,000 per year. The IRP also underestimates the trend to electrify buildings which will reduce natural gas demand and increase the demand for electricity

PSE should not require any new natural gas plants nor pipelines nor infrastructure. PSE should not purchase new gas plants with the intent to later burn hydrogen since they absolutely no projects in the IRP for H2 production and burning H2 in a natural gas plant has not been proven.

PSE also greatly underestimates the upstream methane emissions by using outdated data sources.

Since natural gas is almost as dirty as coal, when leakage is included in the total emissions, PSE must build more renewable energy and storage infrastructure sooner. It must also invest in increased transmission capacity to wind and solar farms since these are more productive out of state.

Pete Stoppani