From: <u>Frank Jackson</u>

To: <u>UTC DL Records Center</u>

Cc: Nelson, Sharon; Fitzgibbon, Joe; Cody, Eileen

Subject: PSE 20 year plan vs Germany"s plan for 80% renewables

Date: Thursday, February 22, 2018 8:50:13 AM

Washington Utility and Transportation Commission: (testimony for Feb 21, 2018 hearing)

The National Geographic's Climate issue illuminates the inadequacy of PSE's 20 year plan ... when compared with Germany's plan:

"Roughly 27 percent of Germany's electricity is from renewables; the goal is at least 80% by 2050."

Please see

https://www.nationalgeographic.com/magazine/2015/11/germany-renewable-energy-revolution/? ga=2.67170770.233927587.1519316460-1485535077.1413937712

Also, "Explore what your state's energy mix will look like with 100% renewable energy." "A Blueprint for a Carbon-Free America" at https://www.nationalgeographic.com/climate-change/carbon-free-power-grid/

Thank you for your interest!

Frank Jackson, P.E. and PSE rate-payer in Washington for several decades

#279 on your Feb 21 2018 sign-in list. I had hoped to testify at the Renton WUTC hearing on PSE's plans. There was not enough time; instead you encouraged us to email our testimony.

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Washington Utility and Transportation Commission: **UE-160918 and UG-160919**