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MN 55364

Minnetrista, Feb 15th 2021

Attention to Committee #Mnleg house
Climate and Energy Finance and Policy
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Object **Written testimony** For Feb 16th, 2021 10:30 AM Climate and Energy Finance and Policy
Informational Hearing on HFXXXX (Lippert) promoting distributed energy resource interconnections

Hello,

Would you please pass along to the committee and Representatives Long and Lippert

- 1) Bill #HF72 currently in committee State Government Finance and Election is bad news for carbon emissions and the grid.
I have testified against it at the house here
https://www.house.leg.state.mn.us/comm/docs/OV11FrDoIESUOYaaQy_G4g.pdf
<https://youtu.be/56Es05JCpBc>
- 2) Halting time changes and staying on current Standard time would be helpful to our renewable grid, at State and National level
I call it [#naturaltime365](#) and a bill could be created for it, looking for volunteers.
Benefits are many, including health and climate.
- 3) Some reading materials about grids and renewables:
 - a) <https://www.scientificamerican.com/article/solar-and-wind-power-could-ignite-a-hydrogen-energy-comeback/> Scientific American, Peter Fairley 2020
Solar and Wind Power Could Ignite a Hydrogen Energy Comeback. Green Hydrogen, produced from water by surplus electricity, could power industry and the grid
 - b) <https://www.scientificamerican.com/article/weather-smart-electric-grids-are-needed-for-wind-and-solar-power-to-surge/> Scientific American, Peter Fairley 2018
Weather-Smart Electric Grids Are Needed for Wind and Solar Power to Surge
 - c) <https://www.sciencedirect.com/science/article/pii/S1364032119300504> Aghahosseini (2019) Analysing the feasibility of powering the Americas with renewable energy and inter-regional grid interconnections by 2030
 - d) <https://www.nrel.gov/docs/fy19osti/72102.pdf> Horowitz (2019) An Overview of Distributed Energy Resource (DER) Interconnection: Current Practices and Emerging Solutions
 - e) <https://www.arbiter.com/files/product-attachments/TimeInThePowerIndustry.pdf> Time in the Power Industry: How and Why We Use It Bill Dickerson, P.Eng.; Arbiter Systems, Inc

To summarize: please ask for UTC for grid management , ask for #naturaltime365 for Minnesotans. Say No to HF72, Stop HF72

Regards
Laetitia Moreau