

To the Senate Committee on Energy and Environment,

My testimony is in support of SB 392, directing the Department of Environmental Quality to study "fugitive emissions" from natural gas production and transportation, and provide a report and recommendations no later than September 2022.

Fugitive gas emissions from natural gas production and transport are definitely an issue that is increasing our climate disaster.

Fugitive emissions most generally occur from oil and gas activities and are most commonly caused by equipment leaks; process venting; evaporation losses; disposal of waste gas streams (such as by venting or flaring), and accidents and equipment failures.

Natural gas is mainly methane, which escapes as fugitive emissions during the activities mentioned above. Methane is a potent greenhouse gas, approximately 25 times more powerful than carbon dioxide over a 100 year timescale, and accounts for about 12% of greenhouse gas fugitive emissions. It is most certainly time for a complete study and then serious regulation in order for Oregon to reach its climate goals. We are already experiencing many deleterious effects of catastrophic climate change. I urge you to pass this bill and complete this study as soon as possible.

Sincerely,

Jen Unruh

Portland, Oregon