

Submitter: Paul Lyon

On Behalf Of:

Committee: House Committee On Climate, Energy, and Environment

Measure, Appointment or Topic: HB2410

Nuclear is by far the most efficient and energy dense power source available to man, as well as being highly cost effective. The small reactor in question was pioneered in Oregon and promises to provide an inexpensive, safe means of power production scaled to smaller communities and a more distributed and reliable power grid. By implementing these or similar models, we could bring power production down to the local level and reduce or eliminate balancing issues that are endemic to larger, more haphazard grids.

On an adjacent topic, there is no energy source greener than nuclear: It lacks the tons of continuous waste put out by oil and gas while requiring a fraction of the building and maintenance cost of solar and wind. They require refueling only every few years, with a tiny amount of waste that is easily stored using modern methods. And as to safety, their small size minimizes any risk of catastrophic failure. They are an ideal solution to more isolated communities or for creating a more efficient, reliable, and inexpensive grid.