

TO: Humboldt@offshorewind@boem.gov

Please include these questions and your responses in your evaluation of your latest boondoggle.

Extracting energy from the wind results in pre-and post-turbine alterations in air, wind, humidity, temperature, fog, sound and other local climate effects.

- What will be the effects of single and multiple offshore wind turbines on:
 - Turbulence pre and downwind
 - Temperature changes in airflow pre and downwind
 - Fog development-temporally and spatially
 - Ocean wave patterns from vibration and sound, pulsatile and otherwise
 - Sound: pulsatile, infra and other on living organisms
- What is carbon footprint including petroleum used in turbines, industrialization of the port, maintenance, and the vessels to service the turbines, and the life-cycle of the over 8000 components of turbines and their blades, including turnover and disposal of blades?
- What are the social, economic, and environmental effects of transmission of electricity on the seabed, sealife and land? Please include aesthetics, fires, growth induction and property values.

Thank you

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