US Department of Energy

U.S. Department of Energy
Office of Electricity Delivery and Energy Reliability (OE-20), 1222 Program
1000 Independence Avenue SW.
Washington, DC 20585

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JUN 0 8 2015

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RE: Alternative Route AR 5-B

I strongly **oppose** the Plains and Eastern Clean Line updated application as published in the Federal Register. The following reasons are stated for this opposition:

- No privately owned company should be given the power to use Section 1222 of the Energy act (the use of eminent domain to take land from hard working landowners without their consent) for their own personal gain.
- The safety to persons and property in the Fayetteville Shale Play area issues raised by the potential sitting of an HVDC Transmission line near Natural Gas Gathering Pipelines and Production Equipment have not been studied or identified and how they would be dealt with such as:
    - Hazards to Pipeline and Well casing integrity
    - Hazards to electronic equipment
    - Hazards if a spark from the lines were to occur during a gas leak
- The safety to persons and Air Force Pilots in the area issues raised by the potential sitting of an HVDC Transmission line in the Little Rock Air Force Base Low Level Training Flight paths in Arkansas have not been studied or identified such as:
    - Low level training flights are at 300 to 500 foot above ground level during the day and how this will impact the lines and towers that are at 200 feet.
    - How many flights will cross over this proposed line and the hazards to persons and property should an accident occur
- Health issues have not been fully studied and how the lines will affect persons with cancer, pacemakers, hearing aids, and what affect the aerial spraying of herbicides and toxins will have on people, animals and the environment.
- EMF's (electromagnetic fields) have not been fully studied and identified such as
    - How it will affect an already stressed cell phone reception, radio frequencies, internet and HDTV's (poor reception could endanger the health and welfare of many during an emergency) and how it will be corrected.
    - How it could affect small children and older adults, causing cancer, neurological problems etc.
    - How it causes birds, bats and bees to lose their navigational abilities and causing an endangerment to their species.
- Loud corona noise from the transmission lines needs to be studied on how it will devalue property, cause hearing problems, disturb the peace and disturb the wildlife habitat

- Decreased property values have not been fully studied and how it will affect not only the landowners but also the surrounding property landowners because of:
    - Loud corona noise levels
    - Unsightly towers and transmission lines
    - Potential health dangers from EMF's
    - Potential dangers to persons and property from potential tornado or storm damage to towers and lines
- The safety to landowners, their families, their neighbors, their animals and their property near the proposed power lines has not been fully studied or identified if a tornado were to occur in the path of the proposed line.
    - On February 5, 2008 an EF-4 tornado traveled 122 miles thru Arkansas. How would this type of tornado affect the proposed line and what kind of destruction could occur in a populated area?

I ask that DOE take into consideration all of the reasons for this opposition and NOT partner with Plains and Eastern on the previous or updated proposal for HVDC Transmission Lines.

Respectfully,

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