

BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION

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SECRETARY'S BUREAU

Application of Transource Pennsylvania, LLC  
Filed Pursuant to 52 Pa. Code Chapter 57, Subchapter G  
For Approval of the Siting and Construction of the 230 kV Transmission Line  
Associated with the Independence Energy Connection-West Project in Portions of Franklin County  
Docket No. A-2017-2640200

**PROTEST**

Pursuant to 52 Pa. Code Sections 5.51, *et seq.* and 66 Pa. C. S. Sections 1101, *et seq.*, Milton & Ellen Engle file this Protest to the Independence Energy Connection-West. In support of this Protest, Milton & Ellen Engle aver as follows:

1. The name and contact information of the Protestant is as follows:

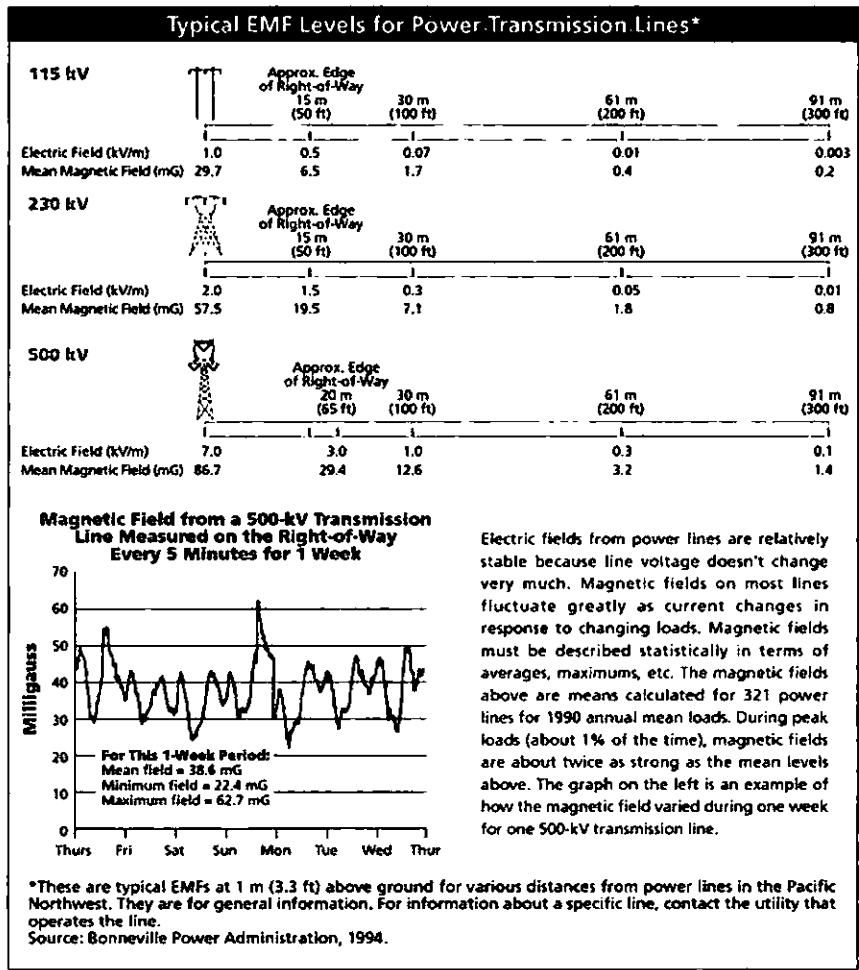
Milton & Ellen Engle

5765 Manheim Rd.

Waynesboro, PA 17268

2. We have an interest in the proceeding as a utility ratepayer, and adjacent landowner.
3. We are concerned with how the Company's proposal will impact our property value as well as our utility rates.
4. We object to this project on the following points:
  - Property devaluation. We are both over 55 and expect that we will eventually sell our property to provide funds for our latter years. This project devalues our property as no one wishes to live near a high voltage power line.

- The project creates an eyesore. We currently enjoy a mostly uncluttered view to the west and enjoy beautiful sunsets across the fields. This project will place huge towers and wires directly to our west and disrupt our view.
- Possible loss of our water well or contamination of the well during the construction of the project. Everyone living along our road relies on water wells, some of which are relatively shallow, and on-lot septic systems. Depending on the construction techniques used to build the tower foundations our water sources could be contaminated or lost.
- High voltage transmissions lines such as this one constantly produce audible hum and crackling noises. We do not wish to hear these noises all day and night.
- EMF radiation from the high voltage power line. Current moving through a wire generates both an electric field and a magnetic field. Both the electrical and magnetic fields decrease as the distance from the wire increases. Both fields can interact with the human body. When direct current (DC) flows through a wire the magnetic field is static and is only present when current is flowing. Alternating current (AC), used in power transmission, results in a magnetic field that builds and collapses 60 times per second with alternating, opposing polarities. Multiple studies have been done, starting in the 1970's, regarding the potential health effects of high voltage transmission lines on humans, animals, and plants. These studies neither conclusively prove nor disprove the negative effects of EMF radiation, however as a group, the studies do show some elevated risks of cancer from exposure to EMF radiation from high voltage power lines especially in children. Some studies suggest that a distance of at least 300 feet is needed to bring the magnetic field to a level that may be tolerated. Other studies suggest a distance of 600 meters (1968.5 feet or 0.37 mile). The long term effects of constant exposure to alternating current magnetic fields are still being studied and results remain inconclusive.



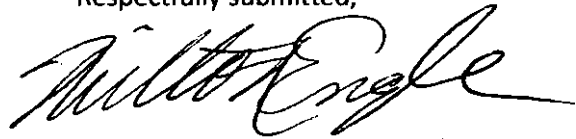
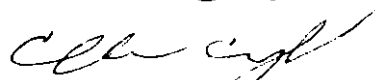
- Long distance transmission of electric power is not efficient. Ohm's Law (Voltage = Current \* Resistance) clearly indicates that current passing through a wire (a resistance) creates a voltage drop. The longer the transmission line, the larger the voltage drop. Even though a transmission line represents a very small resistance and the voltage applied to the line is measured in thousands of volts, the thousands of amperes of current flowing through the line will result in a significant loss of applied power. Keeping generating sources close to the consuming sources is much more efficient than trying to transport large amounts of energy over long distances.
- We are Amateur Radio operators licensed by the Federal Communications Commission. This project will have an adverse effect on our ability to communicate on amateur radio frequencies due to interference from the power line. While we enjoy communicating with other Amateur Radio

operators as a hobby, Amateur Radio operators are a volunteer emergency communications resource recognized by county, state, and federal officials. Amateur Radio operators often assist with public service events and participate in training to assist in disasters through programs such as RACES and the PEMA Auxiliary Communications Program.

- There is no economic benefit to Franklin County, Pennsylvania, especially no long-term benefit. This project only benefits the electric utilities which created Transource (American Electric Power and Great Plains Energy) and their shareholders. Neither of these corporations directly provide service in the areas where the proposed transmission lines would be installed. The stated "need" for the power line is to provide additional resources to users in the metropolitan areas to our southeast NOT to users in Franklin County, Pennsylvania.
- We are saddened by the loss of portions of our friends' and neighbors' farm land which is their livelihood.
- This project should not be eligible for eminent domain since it is an efficiency project, not a necessity.
- Renewable energy sources and conservation measures combined with the existing electric grid environment present a much more stable long-term answer to our continuing "addiction-like" dependence on electricity. We note that in adjacent Washington County, Maryland several solar farms have been built within the last few years with others currently in the proposal stage. Many homeowners have also decided to add solar electric installations to their dwellings. All of these installations connect to the existing electric grid providing clean renewable energy supplementing existing generation sources.

WHEREFORE, Milton & Ellen Engle respectfully request that the Pennsylvania Public Utility Commission not approve the Transource Energy Project and want the Pennsylvania Public Utility Commission to investigate, perform site visits and hold full hearings in Franklin County regarding the filing.

Respectfully submitted,

A large, stylized handwritten signature in black ink, appearing to read "Milton Engle".A smaller, cursive handwritten signature in black ink, appearing to read "Ellen Engle".

Milton & Ellen Engle

Dated: February 9, 2018

**VERIFICATION**

We, Milton & Ellen Engle, hereby state that the facts above set forth are true and correct (or are true and correct to the best of our knowledge, information and belief) and that we expect to be able to prove the same at a hearing held in this matter. We understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Date: February 9, 2018

  
(Signature)

  
(Signature)

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**CERTIFICATE OF SERVICE**

Re: Application of Transource Pennsylvania, LLC Filed Pursuant to 52 Pa. Code Chapter 57 Subchapter G, for Approval of the Siting and Construction of the 230kV Transmission Line Associated with the Independence Energy Connection-West Project in Portions of Franklin County, Pennsylvania Docket No. A-2017-2640200

I hereby certify that I have this day served a true copy of the foregoing Petition to Intervene upon parties of record in this proceeding in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant), in the manner and upon the persons listed below:

Dated February 9, 2018

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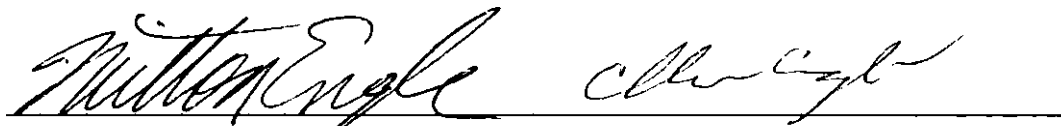
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The Honorable Elizabeth H. Barnes  
The Honorable Andrew M. Calvelli  
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Antonio Smyth  
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Columbus, OH 43215

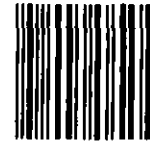


[Signatures of Protestants]

Milton and Ellen Engle  
5765 Manheim Rd.  
Waynesboro, PA 17268



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Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
400 N. Street  
Harrisburg, PA 17120