

Proposed Compressor Station at Clark's Chapel Road in Nassau, NY (Rensselaer County)

Prepared by the Nassau – Burden Lake Citizens Against NED Pipeline & Compressor Station

FACT SHEET

If you wish this emailed to you so you can easily access all the links, please email Cherisse Young at cherisseyoung@aol.com. PLEASE take the time to read this information – it is your home and way of life that is being threatened!

Nassau – Burden Lake Citizens Against NED Pipeline & Compressor Station

The Nassau-Burden Lake Citizens Against NED Pipeline & Compressor Station is a community organized group made up of bi partisan residents and homeowners of the Burden Lake communities and the Town of Nassau committed to fighting the installation of a NED pipeline compressor station on Clarks Chapel Road in Nassau, New York.

Overview of Northeast Energy Direct Proposed Pipeline

The Northeast Energy Direct (NED) proposed pipeline is a high pressure, 30-36” diameter natural gas pipeline proposed to run from the fracking fields of Pennsylvania through New York, Massachusetts and New Hampshire through to Dracut, MA where is its proposed to join with existing pipelines that connect to the Massachusetts and Canadian coasts. It is proposed that the NED pipeline will be co-located along existing pipelines and power lines for part of the route and through “greenfields” (previously undistributed areas) in other parts. This pipeline is to be constructed by Tennessee Gas Pipeline Company (a subsidiary of Kinder Morgan).

Compressor Stations

The NED pipeline will require compressor stations with large engines to maintain pressure and move the gas through the pipeline. Nine new compressor stations are planned for the NED project in four states.

Key facts regarding the proposed compression stations:

- Current proposed locations are New Milford, PA; Franklin, NY; Schoharie, NY; Wright, NY; **Nassau, NY**; Windsor, MA; Northfield, MA; Dracut, MA and New Ipswich, NH.
- Approximately 50-75 acres will be needed for each compressor station.
- The stations proposed for Nassau, Windsor and Northfield will be 41,000 horsepower (potentially scaled up to 90,000 hp) stations. These will be the largest compressor stations ever built in the United States.
- Normal operational functions of the compressor stations include:
 - The station will be powered by turbine engines which produce sound up to 113 decibels which is the equivalent of a very loud rock concert or a Nascar type race track with a full field of cars racing at top speed. Below are youtube videos of sounds of smaller compressor stations.
<https://www.youtube.com/watch?v=9v9gO3Ct-28>
 - Periodic “blowdowns” are conducted which are intentional ventings to release pressure. These blowdowns can last up to two hours and close proximity can be as loud as a 747 airplane taking off. Approximately half mile to a mile away it would sound like a standing lawn mower (60-90 decibels). Below is youtube video of blowdowns.
<https://www.youtube.com/watch?v=nJXj9Y-XinQ>
 - The compressor station will operate 24 hours / 7 days a week which will require stadium style lights that will illuminate the minimum 10 acres needed for the compression station complex.

Health Impacts of Compressor Stations

Many experts in the field of public health have been studying the effects that compressor stations have on the individuals’ who are residing in close proximity.

- "Compressor stations result in large release of dangerous chemicals. Of greatest concern is benzene and formaldehyde, both known human carcinogens. But other chemicals in the air harm the throat, lung and nervous system. Living near to a compressor station, as they are presently operated, is dangerous to the health of people who live nearby."

David O. Carpenter, MD and Dir. of the Institute for Health and the Environment at the University at Albany

<http://www.timesunion.com/news/article/NYS-urged-to-apply-fracking-health-standards-to-6227268.php>

<https://www.youtube.com/watch?v=IqDfRqYnEXc>

<http://www.wcny.org/cpr071415/>

- The **American Medical Association** has passed a resolution in June 2015 that states that the Department of Environmental Control (DEC) and the Federal Energy Regulatory Commission (FERC) are not doing adequate research evaluating the health impact of pipeline projects like the NED pipeline. The AMA is supporting legislation to require that FERC and DEC to do proper assessments.
<http://concernedhealthny.org/wp-content/uploads/2015/05/MSSNY-Resolution-2015-2.pdf>
- “Our American Medical Association recognizes the potential impact on human health associated with natural gas infrastructure and will support legislation that would require a comprehensive health impact assessment regarding the health risks that may be associated with natural gas pipelines.”
Sheila Bushkin, MD, MPH; Times Union, “Put Study Before Any Permit”, Brian Nearing, 7/15/15
- The Southwest Pennsylvania Environmental Health Project has documented the various health impacts of living in close proximity to a compressor station. Specifically they released in February 2015 a study of the community surrounding the Minisink (New York) compressor station, which is a 12,000 horsepower station and has been in operation since 2013. Individuals living near the Minisink station have experienced increases in respiratory, neurological, dermatological and mental health issues. The proposed compressor station for Clarks Chapel Rd in Nassau will be 3.5 times larger than the Minisink station.
<http://www.environmentalhealthproject.org/wp-content/uploads/2015/06/Summary-of-Minisink-Results.Public.pdf>
<http://www.environmentalhealthproject.org/wp-content/uploads/2014/05/Abstract.pdf>
<http://www.environmentalhealthproject.org/wp-content/uploads/2012/03/Compressor-station-emissions-and-health-impacts-02.24.2015.pdf>
<http://www.vice.com/read/new-yorks-silent-but-deadly-fracking-problem>

Economic Impacts

The negative economic impact on not only the individual land/home owner but also the town and county the compression station resides in is great. Property values will diminish significantly and therefor the tax base of the town and the county will diminish as well.

http://www.forensic-appraisal.com/gas_pipelines_q_a

<http://fracdallas.org/docs/FeilTAD2013.html>

Clarks Chapel, Nassau, New York Compressor Station – Local Impact

The proposed compressor station at Clarks Chapel Road in Nassau, New York is a 41,000 horsepower station (Note: Kinder Morgan will have the option to expand to meet “market demand” once the initial 41,000hp station is built). One of the largest stations ever constructed in the United States. **There are 500 residential homes, three lakes and six working farms within a two mile radius of the proposed compressor station.** The Town of Nassau and Rensselaer County have passed resolutions opposing the NED pipeline and the compressor station on Clarks Chapel Road despite the tax income this project proposes to the town. Rensselaer County has passed similar resolutions as well.

- <http://townofnassau.org/content/Generic/View/50:field=documents;/content/Documents/File/1943.pdf>
- <http://www.timesunion.com/news/article/Rensselaer-County-lawmakers-add-voices-against-6182450.php>
- <http://townofnassau.org/content/Generic/View/50:field=documents;/content/Documents/File/1980.pdf>
- <http://townofnassau.org/content/Generic/View/50:field=documents;/content/Documents/File/1910.pdf>

“First and foremost among my concerns with the proposed pipeline is the issue of safety. It has been shared with me that if the project went forward, the pipeline would operate under much greater pressure than what other local gas pipelines are subjected to. Second, the proposed pipeline is expected to have a negative impact on local property values. Advancing a project that would likely drive down property values would be completely unfair to local homeowners. Third, the pipeline would provide little to no financial benefit for local communities throughout Rensselaer County.”

NYS Senator Kathleen A Marchione

Residents along Clarks Chapel and Burden Lake

- https://www.youtube.com/watch?v=ibwA_xNsZVQ
- <https://www.youtube.com/watch?v=73kdjlbqS7A>

What can YOU do?

What's the best way YOU can help, you ask???? It's EASY! Call Governor Cuomo at (518) 474-8390. DIAL 3 AT THE VOICE PROMPT. Tell him to STOP ALL FRACKED GAS INFRASTRUCTURE IN NY and ask for a comprehensive, UNBIASED health impact study. Adding your own anecdote about Burden Lake helps too!