

## Timber Ridge Transformer

Per recent information provided by ComEd engineers, the proposed location of the transformer for the Timber Ridge Gymnasium Addition is the most economical and advantageous location. The cost of a ComEd transformer installation is largely affected by the length of the run of the high voltage primary (supply line to transformer) feeder cable, and the secondary (transformer to electrical service panel) feeder cable. If the transformer location were to be moved to the rear (east side) of the building, the increase in cost for the additional length of primary feeder is estimated by ComEd to be \$20,000.

The electrical room was located on the west side of the addition to maximize the efficiency and provide the shortest runs of both the primary and secondary electrical feeders. Without a total re-design of the building to move the electrical room to the east side of the building, which is impossible at this point, the secondary feeder must be run from the transformer back to the electrical room and service entrance. The minimum cost of this work is at least an additional \$20,000. Therefore NSSEO would experience a financial hardship of a minimum of \$40,000 to relocate the transformer.

As an expense not budgeted for this project, an additional expense in excess of \$40,000 would represent a significant loss of critical funds needed to support the students of NSSEO and Timber Ridge. Based on the extreme financial hardship, unacceptable potential delays, and NSSEO's willingness and intention to mitigate the issue by fully screening the transformer with landscaping, NSSEO, with all due respect to the Village's preferences, feels that it is essential to maintain the current transformer location.