

A power company contacted eNoise Control regarding noise complaints from a residential area close to the company's transformer station. The customer attempted to erect a "plywood barrier" to help "stop" the noise. This was met with very little success.

eNoise Control was then hired to conduct a Sound Survey for Transformers and Reactors. eNoise performed this study in the field during different operating power loads. We conducting property line readings and compared those readings to any local noise ordinances. Our engineering conclusion and recommendation was for the erection of a modular acoustic steel sound barrier wall. Unger designed the height, width, and position to give the optimum sound reduction. Below is a picture of the transformer before the sound wall:



*Transformer station near residential house before*

The next picture is a photograph of our recommended acoustic steel sound wall after installation.



*Engineered sound control wall installed*

eNoise Control confirmed sound readings after installation of the acoustic steel sound wall that our acoustic goals had been met. Transformer noise can be low frequency tonal in nature and we recommend hiring an Acoustic Engineer such as eNoise Control to assist in the design of your noise abatement solution.