

Roundhouse Renewable Energy

Visual Representations

June 2006

Roundhouse Renewable Energy is a renewable energy power project, generating electricity from regionally available biomass. Located on a Brownfield site that was former railroad maintenance property in the City of Oneonta, Otsego County, the project will include a stoker-fired boiler system with advanced emission controls, including an advanced oxides of nitrogen and carbon monoxide reduction system, high-efficiency electrostatic precipitator, advanced water treatment system with waste water recycling, wood chip (fuel) receiving and storage area.

In an effort to assess the potential aesthetic impact and to illustrate how the proposed facility will appear once constructed, a visual representation was prepared. Though the proposed Roundhouse facility is not located in visual proximity to sensitive land uses, it is important to understand the existing “viewshed” and possible changes due to the construction of the proposed project.

Existing Conditions

The topography in the vicinity of the City of Oneonta is hilly to mountainous. The location of the proposed Roundhouse facility is within the Heavy Industrial District and the existing views in the area are consistent with that classification as represented in the following photographs.



Adjacent asphalt facility



Nearby waste hauling operations



Nearby feed mill



Nearby rail maintenance operations

Mitigating Measures

The facility will be visually buffered from the majority of the city by trees, and will have limited impact from locations to the north. From high overlooks to the north, such as locations on the Hartwick College campus, trees and brushy vegetative growth obscure the site from view even during the winter months.

The Facility will maintain over 30 acres of woodland area to provide a natural screen on the north, east, and west sides of the site.

Visual Representations

The following images provide a representation of how the proposed Roundhouse facility will be viewed from a couple of points within the existing viewshed.



Image from River Street Extension (Interstate 88 service road) looking northeast with the Lutz feed mill and power lines in the foreground and the Roundhouse facility in the background.

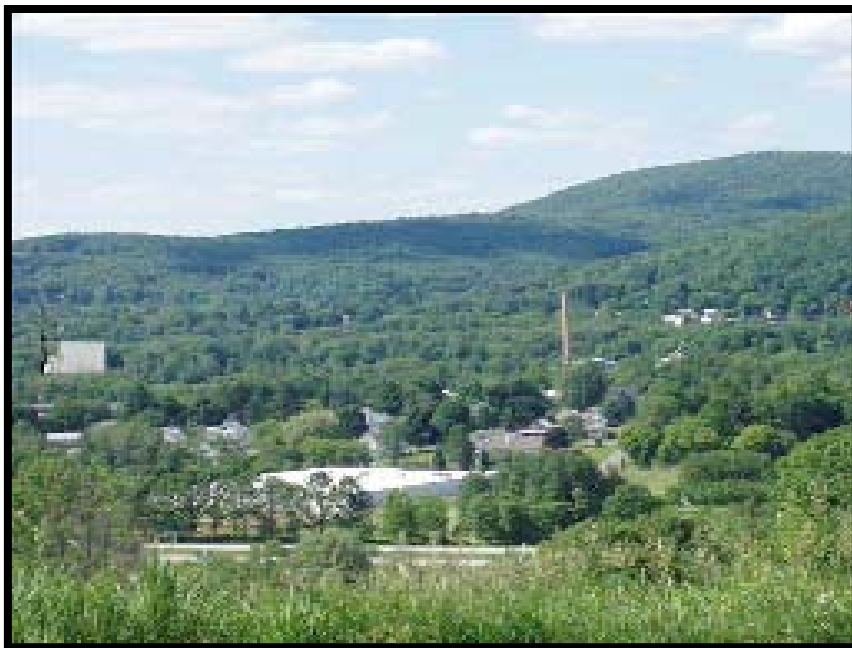


Image from State Route 28 looking northwest with the existing brick exhaust stack on the right and the Roundhouse facility on the left.