

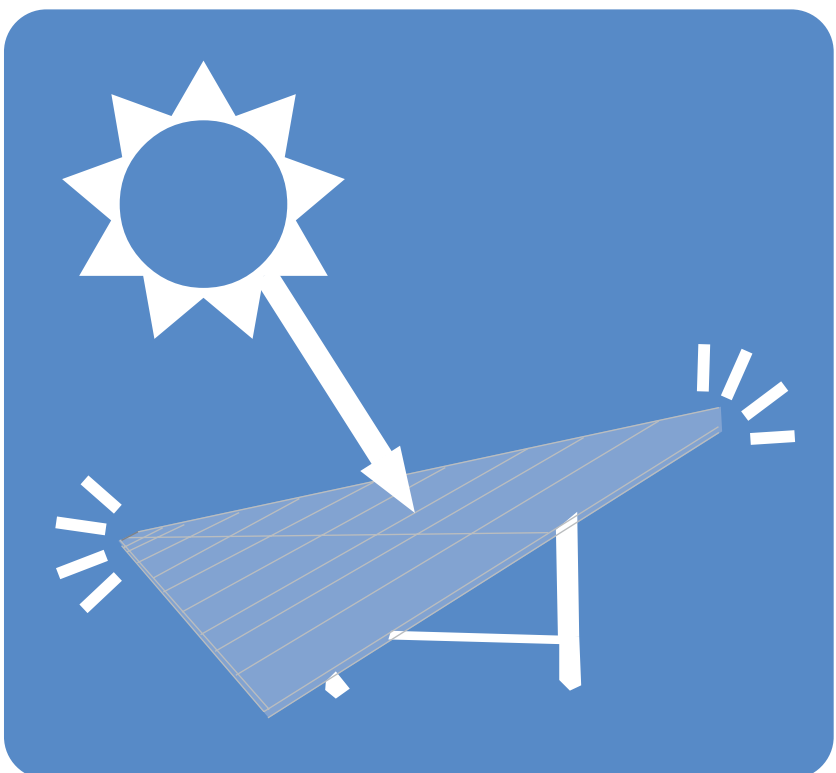
Solar Photovoltaic Panels

A typical photovoltaic (or PV) system uses numerous solar panels. The PV panels proposed for the Mohawk Solar Project will be mounted on steel or aluminum structures elevated off the ground.



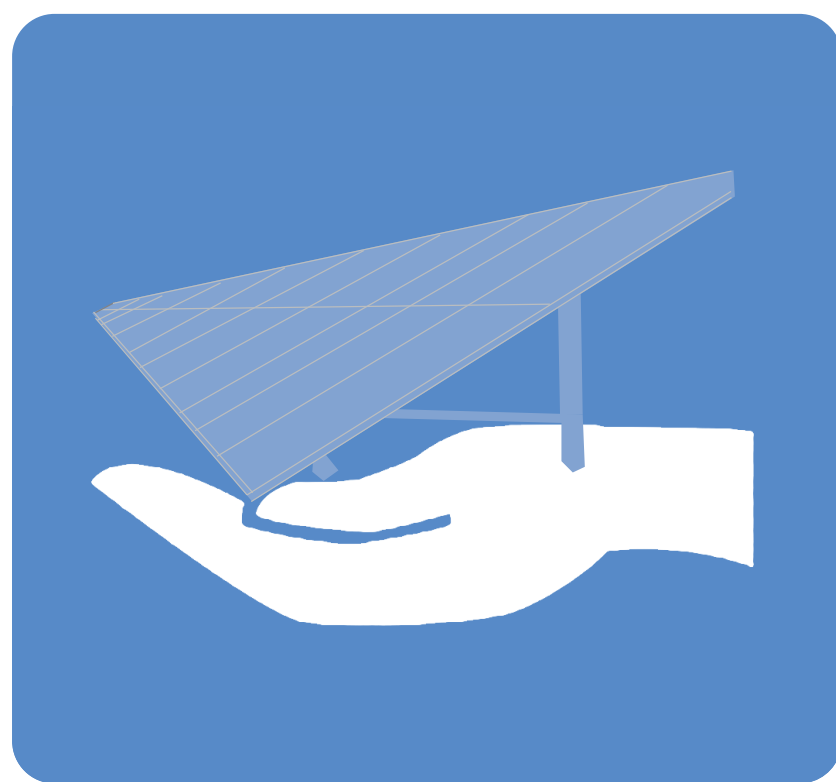
Solar panels are quiet

- PV panels do not make noise
- Associated electrical equipment creates minimal sound and no trespass
- Little equipment maintenance
- Sources of noise from maintenance activities such as mowing or access road upkeep would be conducted during the day and are anticipated to generate noise that is similar to familiar agricultural activities



Solar panels and glare

- Solar PV panels are designed to absorb light, not reflect light, and therefore produce minimal glare
- Roadside set-backs limit areas that may potentially experience glare
- Tracker technology keeps panel at a 90 degree angle from sun reflecting any glare back towards the sky.



Solar panels are safe

- PV panels meet strict electrical safety standards
- PV panels designs are such that they will not leak hazardous materials, even in the case of a fire
- Panels have no moving parts and are expected to last 30 years or longer
- Panels that do fail for electrical reasons can be detected and easily changed out (modular design)
- PV panel arrays are fenced to ensure safety and security



Solar panels do not pollute

- No fossil fuels are burned to generate electricity
 - No mining or fracking
 - No fuel transport required
 - No combustion
 - No emissions or odors
 - No water discharges and no use of neighboring water bodies for heating or cooling



Decommissioning

This Facility will also be required by the NYS Energy Siting Board to have a decommissioning fund as part of the Article 10 certification process that will insure there are funds available to dismantle and remove facility components at the end of its useful life (i.e., at the end of the planned 30+ yr. facility lifetime, or earlier if necessary).

