

# SOLSTAR Trailer Benefits

- ▶ Can be used with conventional, all electric, hybrid tractors, tractor less semi trailers, and other fuel savings technology.
- ▶ Converts solar energy into useful power for the trailer and tractor.
- ▶ It can provide power supply for semi trailer propulsion systems for class 8 trucks.
- ▶ Reduces wear and tear on the engine while also limiting Greenhouse Gas Emissions.
- ▶ Helps reduce fuel consumption, saving trucking firms or owner operators money.
- ▶ May also be used in powering auxiliary equipment, such as a refrigeration on a refrigerated trailer and support hotel loads for the tractor.
- ▶ Can integrate with solar grids for energy-cost reduction and financial incentive.
- ▶ It can provide power to warehouses, local grid, and can also be combined with other trailer units to create deploy-able off grid power source.
- ▶ It helps mitigate the need for idling, which will further reduce emissions.
- ▶ This has the potential to harmonize economic, environmental and social concerns that under served communities uniquely experience.

