

SOLAR DECOMMISSIONING SERVICES



ONTILITY POWERED BY TERREPOWER

A BBB Industries Company

ONTILITY is committed to the solar market and solar-industry development. Our global footprint and extensive expertise in solar technology help ONTILITY to navigate this fast-evolving marketplace and deliver best-in-class solar products, support, and solutions.

PRODUCT LIFECYCLE MANAGEMENT

ONTILITY offers comprehensive support and solutions for all phases of the solar-product lifecycle, from engineering and design consulting to due diligence and financial support, custom training and educational consulting, and solar-panel decommissioning. Solar-product decommissioning is a natural part of the solar-product lifecycle. Although the life of solar panels can extend beyond two decades, the need to decommission solar products can be accelerated due to many of factors:



Manufacturing defects



Product recalls



Shipping damage



Solar upgrades



Installation damage



Relocations and expansions



Premature product failure



Weather damage

AN EXPERIENCED PARTNER IN SOLAR DECOMMISSIONING

With experience reselling and recycling 100mw of solar modules to date, ONTILITY has the resources and knowledge to manage solar decommissioning projects of any scope or size. ONTILITY assesses each project and follows an assessment process to help you maximize your return on investment while adhering to environmental laws, regulations, and best practices. A partnership with ONTILITY gives you access to the deep solar-market expertise needed to determine your best disposition strategy. ONTILITY's solar decommissioning services include:

Consulting ONTILITY will consult with our clients on the best solar decommissioning strategy to meet objectives for ROI, project timeline, and environment compliance.	Solar assessment The assessment phase includes market valuation and measures product demand on the secondary market.	Deinstallation ONTILITY will work without partners on the deinstallation process and assist with all logistics from palletizing to shipping.	Shipping and Logistics From onsite project management to palletizing and shipping materials, ONTILITY offers full logistical support.
Remarketing When panels have value on the secondary market, ONTILITY can purchase the product for resale on the secondary market.	Recycling As an R2 and E-steward certified recycler, ONTILITY is committed to keeping product out of landfills and will manage all product recycling in an environmentally compliant and green manner.	Donation If your decommissioning strategy includes charitable donations for tax credits, ONTILITY can coordinate the logistics and help identify a suitable non-profit organization.	Chain of Custody ONTILITY provides product traceability including serial numbers and tracking numbers. Certificates of disposition are also provided for recycling services.

CASE STUDY: WEATHER-DAMAGED PANELS

CHALLENGE: One of the largest solar farms in West Texas experienced extensive hail damage. The loss was documented as the largest in North America due to hail. The developers wanted to maximize their return on investment while staying in compliance with all environmental laws and regulations.

Another priority was to expedite the turnaround time of off-loading the damaged modules and reinstalling new modules to minimize the time the system was offline and not producing power.

SOLUTION: The solar farm developer connected with ONTILITY to coordinate the logistics of offloading all the modules being removed from the solar farm. This included both the salvageable modules, which ONTILITY resold, inspected, and loaded onto trucks, and the shattered modules, which had to be recycled by an R2-certified company like ONTILITY. To ensure a quick turnaround time and efficient processes, ONTILITY set up a satellite office onsite in West Texas for over three months.

RESULTS: All of the solar modules were palletized and removed from the site. Most of the modules were resold back into the market; however, the solar modules that were too damaged to reuse were recycled in line with R2 standards.

BENEFITS: Returns were realized for the developer in addition to the insurance claim. ONTILITY was able to supply product to several customers in need of solar modules.