



Company Backgrounder



Sunflower Solutions' mission is to improve the lives of men, women, and children across the globe by helping bring them electricity.

"Sunflower Solutions isn't a lot of things that typically encompass an advanced energy company. In fact, our work is not even about solar power or electricity, it's about *what* that electricity is *doing* out in the world," said Chris Clark, founder of Sunflower Solutions.

For 1.6 billion people around the world, access to electricity is nonexistent. Without electricity clean water, medical care, education and economic development are nearly impossible to establish and maintain.

Sunflower provides the world's only solar tracker for use in remote and developing areas. Known as the emPower Plant™, these unique solar trackers allow people, even children, to adjust the direction of their solar array to increase energy production by an average of 30-35% versus traditional solar arrays.

Sunflower Solutions work with organizations in international aid including missionaries, church groups, non-profits, universities, NGO's, etc. Sunflower supplies these organizations with solar power to improve education, healthcare, clean water, economic growth, and agriculture.

Construction of the emPower Plant™ is as simple as solar can get. "If a theologian can put it together, anyone can!" recalls Bernie Smith, missionary at the Assemblies of God. Bernie was able to construct his emPower Plant™ with no prior training, just photos and videos provided from Sunflower Solution's Website and Facebook page.

Founded in 2009, Sunflower Solutions was developed by Chris Clark after graduating Miami University of Ohio. Clark graduated with a degree in interdisciplinary Business Management and a focus in Entrepreneurship. Clark's emPower Plant™ was born through a senior capstone project for a business plan competition where he was part of a team building a water pump that was later installed in Mali Africa.

A few months after starting Sunflower Solutions, Clark met with a group of Cornell students and helped them bring the very first emPower Plant™ to a primary school in Kenya, Africa. That small solar power system has since grown into powering the school and several new businesses for the community. "It was at this point that we realized we've got something special," said Chris Clark.

Today, Sunflower Solutions has over a dozen installations in six countries, including Kenya, India, Nigeria, Rwanda, Togo, and the US. Sunflower Solutions is based out of Shaker Heights, OH, and the emPower Plant™ is manufactured in the U.S.

To **empower** yourself and others, visit www.thesunflowersolutions.com, or call 216-255-3072. Join the conversation online; follow Sunflower Solutions on Facebook at facebook.com/SunflowerSolutions and Twitter @SunflwrSolutns.