



givepower

**2018
ANNUAL REPORT**





OUR MISSION

GivePower provides clean energy solutions for power, water, and food to people that need it most.

OUR VISION

We aim to improve lives by applying leading solar applications and technologies in developing communities to impact these seven sectors: water, food security, health, education, conservation, economic development and telecommunications.

OUR GOALS

GivePower aims to deploy social welfare interventions that will help to achieve the United Nations Sustainable Development Goals on water and electricity:

UN Sustainable Development Goal 6

Ensure availability and sustainable management of water and sanitation for all

UN Sustainable Development Goal 7

Ensure access to affordable, reliable, sustainable, and modern energy for all





LETTER FROM THE PRESIDENT

2018 was a pivotal year for us. Last year we took a hard look at our mission and asked ourselves how we could use our skills and our network to help more people. As experts in solar microgrid installations, we knew that we could amplify our impact by integrating more productive end uses of solar energy. That's why in 2018, we decided to focus on one of the world's greatest needs:

CLEAN WATER

In addition to installing solar microgrids in Nepal, Colombia, Puerto Rico, and Kenya, we launched our very first solar water farm. This groundbreaking solution can provide a safe water source to tens of thousands of people in dry, coastal communities. They are powered entirely by the sun and tap into an abundant and underutilized resource: seawater. With our planet facing increasingly stressed fresh water sources, people need innovative, clean solutions like solar-powered desalination. We are proud to be a part of the solution.

On behalf of all of us at GivePower, I want to thank you for your commitment to bringing basic life-sustaining needs to the people who need them the most. As I reflect on all that we have accomplished, and all that we have planned for the year ahead, I know that we could not do any of this without you.

Sincerely,

A handwritten signature in white ink that reads 'Hayes Barnard'.

Hayes Barnard
President



GLOBAL IMPACT



In 2018, GivePower brought electricity, clean water, food security, economic development, and improved health care to over 30,000 people in five countries.

Caimito, San Juan, Puerto Rico

520 people
Provided 200 household water filters to families who had contaminated water in their homes following Hurricane Maria.

Caimito, Cataño & Lioza, Puerto Rico

23,000 people
Installed a 10 kW microgrid on the local community center which the community relied on for disaster relief services, refrigeration and education.

El Congo, Colombia

260 people
Installed a 6 kW microgrid on a 100 acre research station and cultural heritage site to support conservation and community development. We also installed cold storage and agro-processing equipment to support food security and economic development opportunities.

Kiunga, Kenya

3,310 people
Installed a 75,000 liter/day solar-powered desalination system for a village that lacked access to safe water.

Rhino Boma & Elephant Orphanage, Kenya

57 people, 14 elephants, & 7 giraffes
Installed a 5kW microgrid with battery backup on an elephant orphanage and lodge to power their lighting, kitchen and communication needs.

Kosh Bhanjyang, Nepal

160 people
Electrified a rural village with 28 households as well as a grocery store, computer center, and electric grain mill.

Namunyak Wildlife Conservancy, Kenya

600 people
Installed a 10kW microgrid with battery backup on a site that hosts an elephant orphanage, rhino sanctuary, and ranger post. Also provided 33 mobile power stations to power ranger communications within the conservation park.

Nangi Village, Myagdi, Nepal

1,835 people
Installed a 6kW microgrid with battery backup on a clinic to provide reliable health care services, such as an ultrasound machine, to a rural community

Mudi, Chechung, Nepal

130 people
Installed a 6kW solar microgrid to power the local school and an electric grain mill.



2018 FEATURED PROJECTS

Featured Clean Water Project: Kiunga, Kenya



GivePower launched our very first Solar Water Farm in June of 2018. To develop this innovative solution to address SDG6, GivePower worked with leading manufacturers in solar power and seawater desalination. Together, they designed a groundbreaking solar-powered system that would provide clean water to remote, coastal communities for decades to come.

We decided to place our very first unit in Kiunga, Kenya due to existing relationships with trusted local operators and the expressed need of the community. Prior to our intervention, people were relying on brackish water from boreholes, contaminated water from rainwater catchment tanks, and expensive bottled water. When we launched our Solar Water Farm in June of 2018, we were able to provide families with access to clean, healthy water at one-one hundredth of the cost of their existing bottled water.

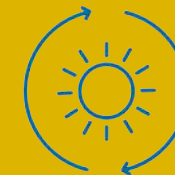
Developing our very first Solar Water Farm required us to go to our roots of creating disruptive technology. Powered by clean energy, these impressive systems can provide access to clean drinking water to 25,000 people every day. Our very first pilot system in Kiunga is providing us with critical data that is informing us of how to scale these systems to other dry, coastal communities around the world.

Six month update: We are already seeing growing economic development in the community. Resellers—those who are purchasing water from our container and delivering it to people's homes—now account for over 50% of our customers. One of our biggest customers is a water delivery truck that delivers water to people in neighboring towns. Additionally, we are seeing local Kiunga water-based businesses thriving now that they have access to clean water. The local laundress is our top individual customer, and her business is booming now that she no longer has to wash clothes with brackish water.



2018 FEATURED PROJECTS

Featured Clean Energy Project: Caimito Community Center, Puerto Rico



In September 2017, Hurricane Maria devastated the island of Puerto Rico. Power infrastructures were destroyed, impacting critical needs like refrigeration, communication, emergency response, and light. We responded immediately by providing critical relief like small individual water purification systems to 200 families, and three larger 200 gallon per day solar-powered desalination systems to support the communities of Caimito, Cataño, and Loiza.

In January of 2018, we partnered with Cypress Creek Renewables to provide ongoing relief and community resilience against future threats by powering a community center in Caimito, outside of San Juan. With critical help from our local partner, Programa del Estuario de la Bahía de San Juan, we installed a 10 kW microgrid with 26 kWh of storage on the Caimito Cultural Center, which had been without power for months.

The residents in this community—roughly 26,000 people—rely on the center for community gatherings, essential services like refrigeration for medicines, and educational opportunities such as music classes. By powering this community center, we were able to restore an essential service to thousands of people.

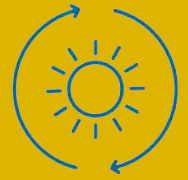
In the months following the hurricane, as the people of Caimito restored their community, the center was able to provide cold water and lunches to up to 250 people per day, store people's medicine in the refrigerator, and provide essential communication for relief services.

One year update: With solar electrification, the community center saved nearly \$4,000 on their 2018 electrical bill, enabling them to invest more resources into their community. They intend on turning the community center into a Disaster Relief center for the region. They are now bringing in freezers, refrigerators, first aid kits, radios, batteries, and water tanks so they can be a safe place where people can go for essential services in the event of another natural disaster.



2018 FEATURED PROJECTS

Featured Corporate Partner: **Cypress Creek Renewables**



Cypress Creek Renewables is changing America's access to affordable clean energy through their innovative approach to developing a nationwide solar power grid. Not only are they making our lives and our planet healthier by expanding solar energy resources around the country, but they are changing individuals lives around the world by partnering with GivePower.

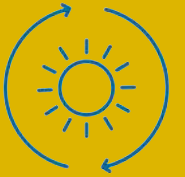
Cypress makes corporate social responsibility a part of the company's ethos through and through. They are dedicated to being a part of the change they wish to see in the world. One of the ways they live this mission is by traveling with GivePower to remote corners of the globe to bring solar power to the people who need it most.

In 2018, Cypress team members went on three GivePower treks. Together, we brought solar power, refrigeration, education, and economic development opportunities to over 23,000 people.



2018 FEATURED PROJECTS

Featured Corporate Partner: **Cypress Creek Renewables**



PUERTO RICO

In February, Cypress Creek Renewables team members accompanies GivePower on our third mission to Puerto Rico following the devastating Hurricane Maria. On previous trips we brought small solar-powered desalination kits and household water filters, but with the extra hands and generosity from Cypress, this time we were able to install a 10 kW microgrid on the Caimito Cultural Center, which had been without power for nearly six months. Powering this center not only provided people with immediate relief services following the hurricane, but it has provided the community with ongoing support during their recovery, and serves as the model for future planned relief centers in the region.

COLOMBIA

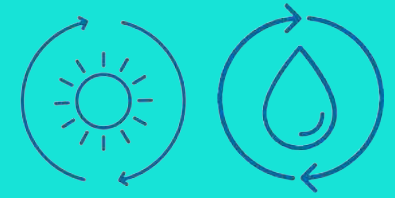
In April, the team traveled to El Congo in Colombia to install a 6 kW microgrid on a 100 acre research station and cultural heritage site run by the ProSierra Nevada de Santa Marta Foundation. The cultural heritage site has over 55 stone and rammed earth habitational structures built by the prehispanic Tairona tribes, and serves as a testing ground for cultural and natural heritage conservation and preservation strategies. With solar power, the Foundation was able to host much larger archaeological and biological research teams and the Foundation's own community development specialists. We also installed cold storage and agro-processing equipment to support food security and economic development opportunities for the region. They are now making and selling ice to the local community to make igloos for their own at-home refrigeration, and developing an organic cotton farm that will produce 30 tons of organic cotton--enough for 120,000 t-shirts!

NEPAL

In May, a crew from Cypress Creek Renewables and GivePower installed a 6 kW solar microgrid in the rural Nepal village of Kosh Bhanjyang. Working together to run cable to homes and local businesses and mount the solar array, we were able to power 28 households and three businesses. By electrifying the local grocery store, computer center, and electric grain mill we supported this community's self-sustainability and economic development.

TREKS WITH GIVEPOWER: WATER & SOLAR

SOLAR INSTALLATIONS & SOLAR-POWERED DESALINATION UNITS



GivePower is grateful to all of our trekking partners who make our global impact possible. In 2018, GivePower took corporate partners and donors on life-changing treks to Nepal, Colombia and Puerto Rico. Haven't been on a trek yet? Get in touch to learn more about our 2019 treks!

"[The trek] helps me wake up every morning to be excited about what I'm doing with Cypress Creek, what we're doing as an industry, what we're doing globally in the energy transformation...and it's exciting to be a part of that. It's really trips like this where you feel that more than anything."

CHRIS QUARTERMAN, VP OF MARKET STRATEGY, CYPRESS CREEK RENEWABLES, COLOMBIA 2018 TREK

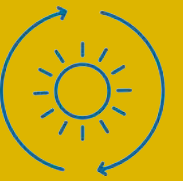
"Going to Nepal, getting to experience this...it was like recharging my battery. This is why I go to work every day. This is the type of change that I want to make in the world"

MICHAEL CORNELL, SENIOR MANAGER, FINANCIAL STRATEGY AT INSPIRE, NEPAL 2018 TREK



LOOKING AHEAD: 2019

We are excited to amplify our impact this year by bringing clean water and clean energy to over one hundred thousand people in 2019.



CLEAN WATER

With 2.1 billion people living without access to safe water in their homes, we are determined to make a significant impact on bringing that number down by providing people with a reliable and affordable safe water source. Last year we installed our very first Solar Water Farm, which proved that this game-changing technology was viable. We are already underway on the next units that we are aiming to install this year which will be placed in the Caribbean, Africa, and Latin America. Slight variations in these pilots will allow us to find the model to make this technology scalable and financially viable in different countries. By streamlining the development and installation of these systems, we can more successfully scale this solution to support people living in dry, coastal regions around the world.



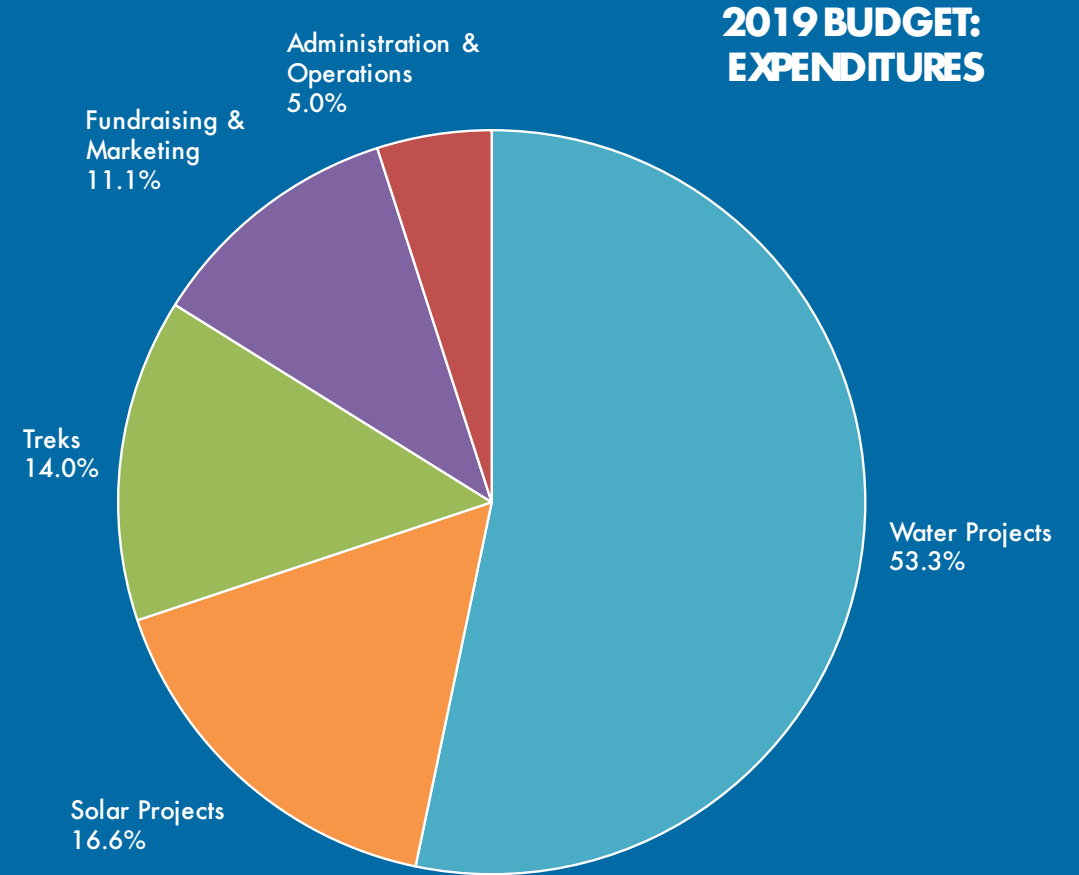
CLEAN ENERGY

One billion people lack access to electricity, which impacts their educational and economic opportunities, as well as their access to advanced health care. We have identified 25 schools around Nepal that would benefit from solar power to light their classrooms and power improved digital learning tools. We have also identified 12 remote communities where solar power can provide them with economic opportunities and improved health care. By bringing in solar power and productive end uses such as refrigeration to store food and medicine, water pumps to provide crop irrigation, and electric grain mills to process the grains these communities consume and sell, we aim to empower thousands of people to thrive without having to leave their families for better opportunity. This year we are also launching a new partnership with The GREEN Program to provide hands-on solar installation training to college students who want to help rural communities in developing regions gain access to electricity.



FINANCIALS

REVENUE	2018	2019 Budget	change
Unrestricted donor contributions	946,289	1,000,000	53,711
Restricted donors contributions	934,937	3,383,787	2,448,850
Total Revenue	1,881,226	4,383,787	2,502,561
EXPENDITURES			
Water Projects	518,721	2,247,500	1,728,779
Solar Projects	272,324	700,000	427,676
Treks	291,463	592,500	301,037
Fundraising & Marketing	509,909	470,049	(39,860)
Administration & Operations	196,444	209,092	12,648
Total Expenses	1,788,861	4,219,141	2,430,280
Change in Net Assets at Year End	92,365	164,646	72,281





Thank you for all that you did in 2018 with GivePower to help people thrive. Our mission to provide clean energy solutions for power, water, and food to people that need it most would not be possible without you.

By working together, we can help people around the world live safe and healthy lives through innovative renewable solutions.

**JOIN THE
CHARGE!**

GivePower Foundation
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