



# COMPANY PROFILE

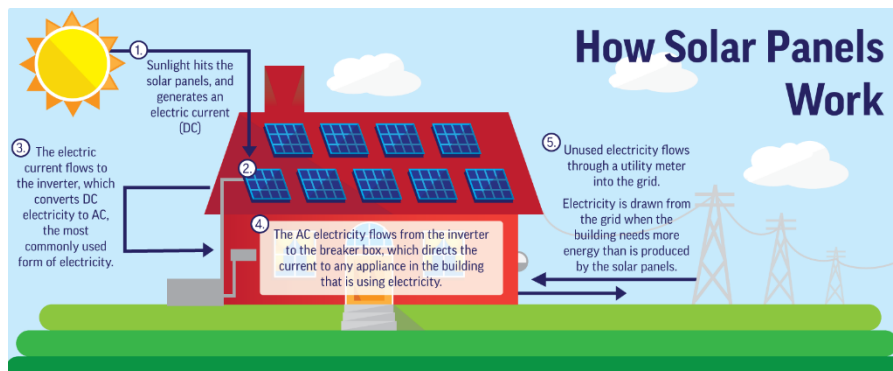
# ABOUT US

## WHO ARE WE?

GCF is coping with the challenge of energy crisis in the most efficient way possible by providing innovative, sustainable and environment-friendly energy solutions to both industrial and residential sector. We help you generate your electricity using renewable energy resources including:

- Solar Energy solutions
- Wind Energy solutions

Our extensive global experience in the industry ensures that our customer gets the best services on the most competitive charges while enjoying the benefits of 24/7 support from our experts.





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# VISION

GCF understands the fact that energy needs have dramatically increased over the past two decades and traditional resources used to meet these requirements are limited as well as not very environment friendly. GCF, with its slogan of Think Green, Go Green, believes that deploying renewable energy solutions is the need of the hour to fight the monster of global warming & climate change. At GCF, we strive for a clean and green planet while providing convenient and economical solutions to our clients. Together we shall achieve the target of economical and environment-friendly energy solutions for all.



# WHAT WE OFFER

## i. RESIDENTIAL SOLAR SOLUTION:

Want to save money and avoid the nuisance caused by an energy crisis? We have got the best solution to fulfill your household energy requirements. Our experts help you generate your energy by providing customized solar energy solutions for each client. We provide you with cost-effective and environment-friendly energy solutions with unmatched services and 24/7 customer support to keep you going with your own generated power for your home.

## ii. COMMERCIAL SOLAR SOLUTION

We provide industries with alternative energy solutions to avoid the hassle of power shortage caused by traditional energy supplies. Ranging from power solutions consisting of basic solar panels set up for small sites to deploying large scale solar systems suitable for powering heavy industries, we've got it all.

## iii. INDUSTRIAL SOLAR SOLUTION:

GCF's Commercial Solar Solutions helps your business grow by cutting off your electricity expenses and help you be a market competitive by keeping the costs low. Our solar energy solutions are suitable for small businesses as we provide environment-friendly and economical energy sources so that you achieve your goals with uninterrupted power supply while keeping the planet clean and green.

#### iv. WIND ENERGY SOLUTION:

GCF's efforts towards a cleaner and greener planet not just end with deploying solar energy solutions. We try our best to make use of other renewable energy resources and for that reason, we have been deploying Wind Energy Solutions in the areas where feasible. Our Wind Energy Solutions are, with no doubt, the most cost-effective solution for all your energy needs. Our 24/7 customer support makes it even a better option while enjoying the perks of smooth power supply by your own generated electricity at the minimal cost possible.

#### v. AGRICULTURAL WATER PUMPS:

GCF has taken this initiative to power the agricultural sector using renewable energy solutions to provide the farmers with solar-powered irrigation systems for their agricultural lands. This will not only contribute towards our climate by avoiding pollutants caused by traditional energy generating methods but will also provide a cost-effective solution to the agriculture sector. It will help increase the profits for the community related to the agricultural sector while keeping the costs low for end consumers.

#### vi. POWER BANKS:

Our solar panel power banks are the solution you require to deal with frequent power outages. With our efficient and reliable design, you can even go off the grid. This one-time investment saves you from the unbearable high electricity prices and unexpected power cut-offs.

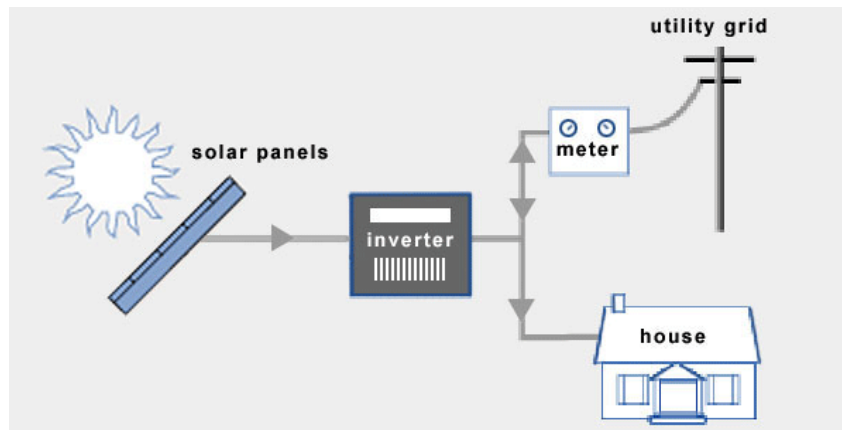
**WHAT  
WE  
OFFER**

## i. RESIDENTIAL SOLAR SOLUTIONS:

Keeping in mind the specifications provided by the client, our experts help you decide the best solution for your household energy needs. Our relation with our clients does not end with the just deployment of the system but we provide all the support required afterward in maintenance and we take pride in our 24/7 customer support team that is proficient in their work and provides immediate solutions to your problems. Our goal is to provide the residential sector with environment-friendly solutions so that our coming generations get to live in a clean and green environment. We have divided our residential Solar Solutions to three major categories to meet the needs of clients from versatile backgrounds all over the globe.

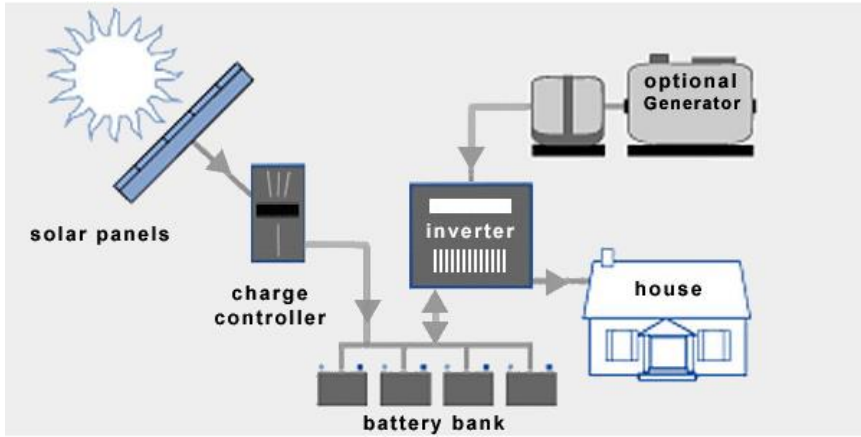
### 1. Grid-Tied Residential Solar Solution:

It allows you to use the energy produced by solar panels while you remain connected to the grid. This is one of the most economical ways of using solar panels for household use as it does not require stand-alone equipment such as batteries etc. It will allow you to send extra electricity to the grid and help you



### 2. Off-Grid Residential Solar Solution:

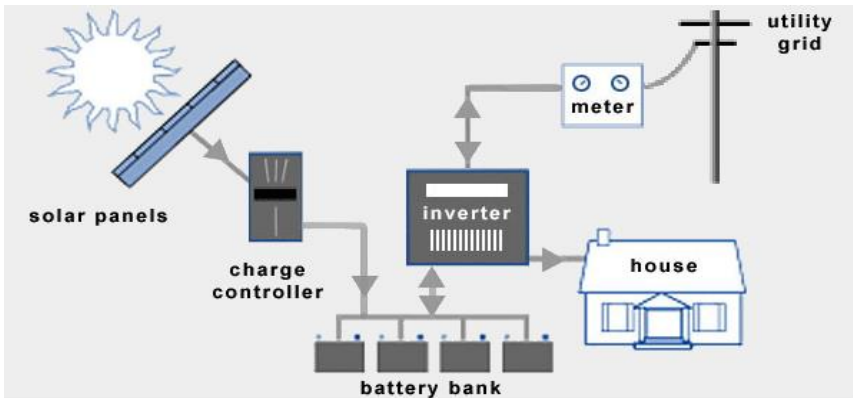
Off-Grid Residential Solar Solutions is the best solution for those who do not have access to grid lines and must spend a lot of money to meet the energy requirements by using the conventional inefficient energy production methods. To ensure an uninterrupted supply for your household energy needs we provide you with a stand-alone solar system including batteries and back-up generators.



### 3. HYBRID

#### 3. Hybrid Residential Solar System:

Hybrid Solar Systems are a combination of Grid-tied & Off-Grid Systems. They combine the benefits of both by providing extra battery storage with a Grid-tied Solar system for back-up power supply.



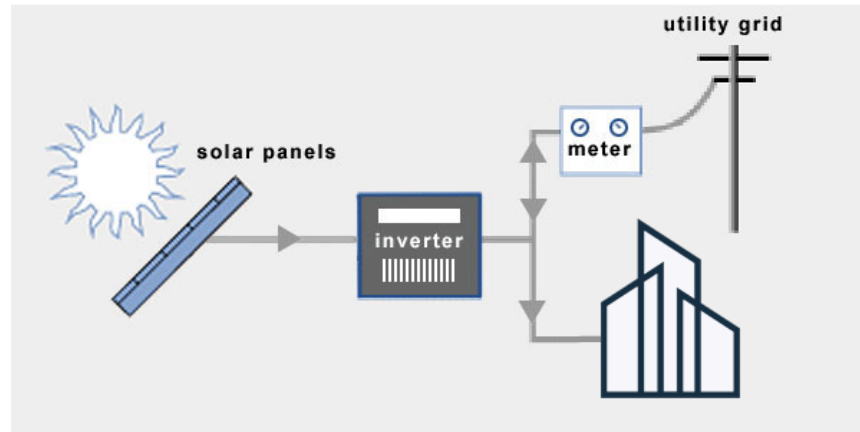
#### ii. COMMERCIAL SOLAR SOLUTIONS:

Helping your business reach its full potential by providing you with the most efficient solar energy solutions that are customized to meet the energy needs of your business. Just like our residential solar systems, our commercial solar systems are categorized into three categories with certain modifications to meet the energy requirements of the commercial sector.



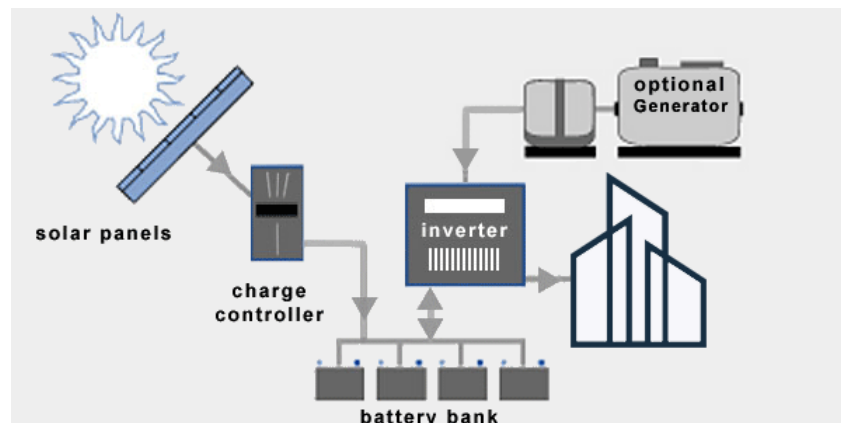
## a) Grid-Tied Commercial Solar Solution:

It allows you to use the energy produced by solar panels while you remain connected to the grid. This is one of the most economical ways of using solar panels for household use as it does not require stand-alone equipment such as batteries etc. It will allow you to send extra electricity to the grid and help you save money.



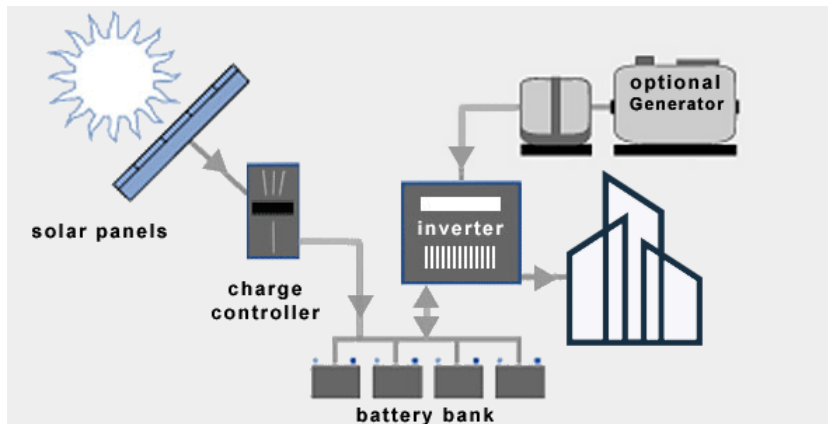
## b) Off-Grid Commercial Solar Solution:

Off-Grid Residential Solar Solutions is the best solution for those who do not have access to grid lines and must spend a lot of money to meet the energy requirements by using the conventional inefficient energy production methods. To ensure an uninterrupted supply for your household energy needs we provide you with a stand-alone solar system including batteries and back-up generators



## c) Hybrid Commercial Solar System:

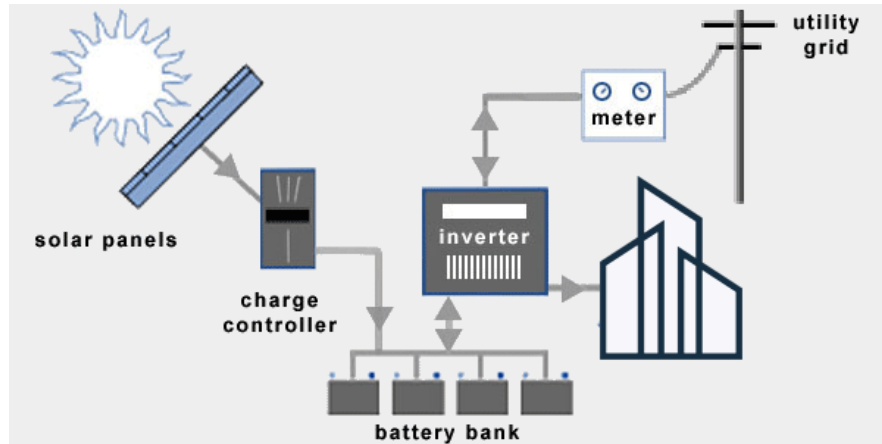
Hybrid Solar Systems are a combination of Grid-tied & Off-Grid Systems. They combine the benefits of both by providing extra battery storage with a Grid-tied Solar system for back-up power supply.



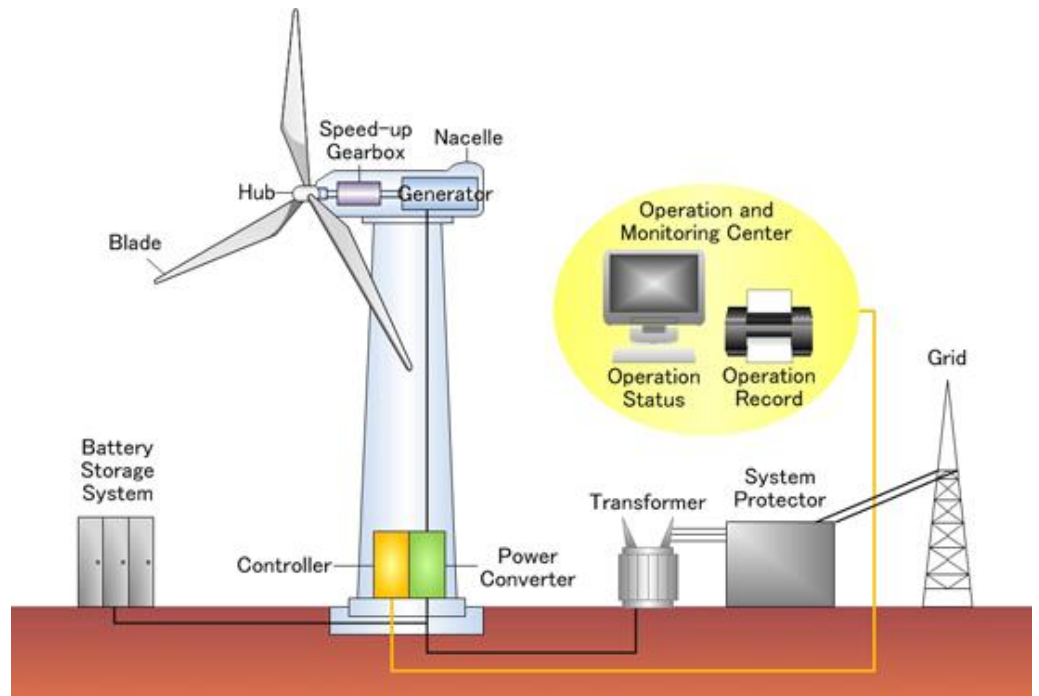
## iii. INDUSTRIAL SOLAR SOLUTIONS:

It is the need of the hour to power large industries using renewable energy sources to tackle the problem of the energy crisis and climate change. GCF has vast experience in deploying large scale solar panels systems to power large scale industrial units. We are helping industries across the globe to achieve cost-effective and environment-friendly solutions to their large-scale energy requirements. We offer precisely designed pre-engineered solar systems that are easy to deploy and meet large scale power requirements of the industrial sector. Our team of industrial solar specialists provides customized solutions tailored accordingly after analyzing the needs by site inspection.

# SERVICES



## iv. WIND ENERGY SOLUTIONS:



We provide our services across the globe starting from installing the wind turbines to the long-term maintenance of wind energy solutions, our team provides with all the required services proficiently to keep our clients hassle-free. As the deployment of the wind energy solution varies from region to region, the whole project is divided into 3 stages to ensure the smooth production of electricity afterward.

### **a. Project Feasibility:**

Our teams of experts dedicated to wind energy solutions provide carry out a thorough inspection of the site and analyze the feasibility of the project according to the climatic conditions of the project site. At this stage, our experts decide whether the site is suitable for the deployment of wind energy solutions or not.

### **b. Design:**

If the Wind Energy Solution is found suitable for the site after inspection by our experts, an extensive design is tailored to meet the requirements. This includes the detailed plan of hardware installation and plans for distribution lines.

### **c. Installation & Operation:**

Once the design is finalized, we discuss all the details with the client and keep the client informed about the whole installation process, including time frame and expenses. After that, the actual installation phase of the wind energy solution starts. After installation, our team continues its services until the system becomes completely functional and meets all the user needs.

# SERVICES

# SERVICES



## v. AGRICULTURE WATER PUMPS:

GCF takes pride in its services for the agricultural sector as our team of highly skilled professionals provides innovative solutions to the energy shortage problems. We empower the agriculture sector by providing them with convenient solutions to their irrigation needs. We are currently providing the agricultural sector with:

### I. Grid-Tied Agricultural Water Pumps

These allow you to use energy generated by solar panels while keeping you connected with the grid and additional equipment such as batteries etc are not required for it to function.

## II. Off-Grid-Tied Agricultural Water

We will provide you with a fully functional stand-alone system with batteries to store the generated electricity. A stand-alone system is designed by our experts so that you can rely on these solar-powered systems completely without going for grid connections. We assure the uninterrupted supply of electricity with our deployed systems. These systems are extremely useful for the far-off areas where electricity connection is not available yet or costs too much.



# SERVICES

## vi. POWER BANKS:

Our solar panel power banks are the best solution to beat the frequent power cut-offs these days. These power banks will provide an efficient solution to all your energy storage problems. These power banks easy to use and will significantly help you gain economic advantage as they are powered entirely using solar energy. In case you want to go off-grid and operate entirely on our solar power banks, we offer full our full support in installing stand-alone systems. We recommend monitoring and controlling energy usage before going completely off-grid.



## CONTACT DETAILS

Email: [info@gcfre.com](mailto:info@gcfre.com)

Phone: +1(773)-788-2266

Location: 136 S. Dubuque St., Iowa