



Profile

- Established in the year 2014, Infinity Solar started as a local EPC that provides on-grid/off-grid PV solar solutions.
- Infinity Solar is a project developer, providing full system integration, EPC (Engineering, Procurement, Construction), O&M (Operation and Maintenance), and independent power production services (IPP Scheme projects) for utility-scale projects, as well as residential and commercial projects of renewable energy systems in Egypt.
- Our solutions include on- grid and off-grid, back-up and hybrid, in addition to solar ramming and solar lighting solutions.

Profile

- Infinity Solar has been successfully qualified for the Feed-in-Tariff program of the Ministry Of Electricity in the 3 categories:
 - below 500 kW
 - from 500 kW to 20 MW
 - more than 20 MW



Utility-Scale Projects

Currently Infinity Solar, along with its partners, are conducting the full scale development, EPC and O&M works for a total of 184 MWac.

Capacity	Location	Status	In Partnership with
1 MWac Solar	6-October City	Currently operational under round 1 of the Feed-in-Tariff program	100% Infinity Solar
50 MWac Solar	Benban, Egypt	Currently operational under round 1 of the Feed-in-Tariff program	IBV
3 MWac Solar	Benban, Egypt	Under Construction – targeted to be operational by end of Q2 2018	100% Infinity Solar
30 MWac Solar	Benban, Egypt	Under Construction– targeted to be Operational by January 2019	IBV/ BPE
50 MWac Solar	Benban, Egypt	Under Construction- targeted to be operational by February 2019	Indevco / IBV/ BPE
50 MWac Solar	Benban, Egypt	Under Construction- targeted to be operational by February 2019	IBV/ BPE

Infinity 1 Solar Park - Overview

Project Location	<ul style="list-style-type: none"> located in Green belt, 6th of October.
Project Size	<ul style="list-style-type: none"> PPA contract size/nameplate capacity: 1 MW AC
Project SPV	<ul style="list-style-type: none"> Infinity 1 for Renewable Energy A joint stock company in Egypt Ownership : <ul style="list-style-type: none"> Infinity Solar S.A.E 100% The Infinity 1 project was developed by Infinity Solar S.A.E



Infinity 1 Solar Park – Technical Overview

- The Infinity 1 Solar Park comprises of
 - 1189 kWp of installed capacity
 - Over an area of 1.26 ha with 4488 solar panels
- Mounted on a fixed mounting system.
- Is producing approximately 2,000 MWh per year.
- Approximately same amount of electricity to power almost 1,200 homes.



Infinity 50 Solar Park - Overview

Project Location	<ul style="list-style-type: none"> • Benban Solar Park • located 40 Km north of Aswan governorate in Upper Egypt.
Project Size	<ul style="list-style-type: none"> • PPA contract size/nameplate capacity:50 MW AC
Project SPV	<ul style="list-style-type: none"> • Infinity 50 for Renewable Energy • A joint stock company in Egypt • Ownership : <ul style="list-style-type: none"> • Infinity Solar S.A.E 51% • Ib Vogt GmbH 49% • The Infinity 50 project was jointly developed by: <ul style="list-style-type: none"> • Infinity Solar S.A.E, • Ib Vogt GmbH • Solizer GmbH



Infinity 50 Solar Park – Technical Overview

- The Infinity 50 Solar Park comprises of
 - 64.1 MWp of installed capacity
 - Over an area of 98.6 ha with almost 200,000 solar panels
- Mounted on a state-of-the-art horizontal single-axis tracking system.
- Will produce over 140,000 MWh per year.
- Approximately same amount of electricity to power almost 69,000 homes.



Phoenix 50 Solar Park - Overview

Project Location	<ul style="list-style-type: none"> • Benban Solar Park • located 40 Km north of Aswan governorate in Upper Egypt.
Project Size	<ul style="list-style-type: none"> • PPA contract size/nameplate capacity: 50 MW AC
Project SPV	<ul style="list-style-type: none"> • Phoenix Power 1 • A joint stock company in Egypt • Ownership: <ul style="list-style-type: none"> ○ Phoenix Power Ventures S.A.L 51% ○ ISO 3 BV 42% (owned by Infinity Solar with 65% and BPE with 35%) ○ Ib Vogt GmbH 7% • The Phoenix Power 1 project was jointly developed by: <ul style="list-style-type: none"> ○ Infinity Solar S.A.E ○ Phoenix Power Ventures SAL ○ Ib Vogt GmbH



Phoenix 50 Solar Park – Technical Overview

- The Phoenix Power 1 Solar Park comprises of
 - 64.1 MWp will be installed
 - Over an area of 112.2 ha with 194,300 solar panels
- Mounted on a state-of-the-art horizontal single-axis tracking system.
- Will produce over 159,000 MWh per year.
- Approximately same amount of electricity to power almost 69,000 homes.



Infinity Benban Park for Solar Energy - Overview

Project Location	<ul style="list-style-type: none"> • Benban Solar Park • located 40 Km north of Aswan governorate in Upper Egypt.
Project Size	<ul style="list-style-type: none"> • PPA contract size/nameplate capacity:50 MW AC
Project SPV	<ul style="list-style-type: none"> • Infinity Benban Park for Solar Energy . • A joint stock company in Egypt • Ownership : <ul style="list-style-type: none"> • ISO 2 B.V. 83% (owned by Infinity Solar with 70% and BPE with 30%) • Ib Vogt GmbH . 14%. • Solar Reserve Sahara B.V. 3%. • The project was jointly developed by: <ul style="list-style-type: none"> • Infinity Solar S.A.E • Ib Vogt GmbH • Solizer GmbH



Infinity Benban Park for Solar Energy – Technical Overview

- Infinity Benban Park for Solar Energy comprises of
 - 64.31 MWp of installed capacity
 - Over an area of 97.04 ha with 194,880 solar panels
- Mounted on a state-of-the-art horizontal single-axis tracking system.
- Will produce over 140,000 MWh per year.
- Approximately same amount of electricity to power almost 69,000 homes.



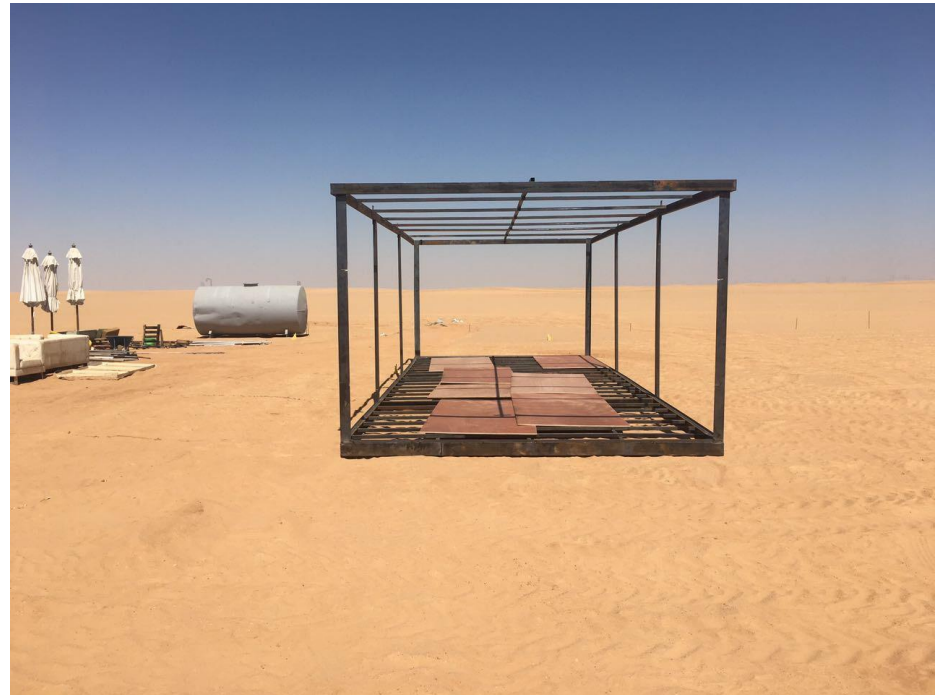
MMID 30 Solar Park - Overview

Project Location	<ul style="list-style-type: none"> • Benban Solar Park • located 40 Km north of Aswan governorate in Upper Egypt.
Project Size	<ul style="list-style-type: none"> • PPA contract size/nameplate capacity:30 MW AC
Project SPV	<ul style="list-style-type: none"> • MMID 30 for Renewable Energy • A joint stock company in Egypt • Ownership : <ul style="list-style-type: none"> • ISO 1 B.V. 61% (owned by Infinity Solar with 70% and BPE with 30%) • Ib Vogt GmbH 14% • MMID S.A.E 25% • The MMID 30 project was jointly developed by: <ul style="list-style-type: none"> • Infinity Solar S.A.E • Ib Vogt GmbH • Solizer GmbH



MMID 30 Solar Park – Technical Overview

- The MMID 30 Solar Park comprises of
 - 38.3 MWp of installed capacity
 - Over an area of 60.34 ha with 116,174 solar panels
- Mounted on a state-of-the-art horizontal single-axis tracking system.
- Will produce over 85,000 MWh per year.
- Approximately same amount of electricity to power almost 41,400 homes.



Infinity 3 Solar Park - Overview

Project Location	<ul style="list-style-type: none"> • Benban Solar Park • Located in Benban village, Aswan.
Project Size	<ul style="list-style-type: none"> • PPA contract size/nameplate capacity: 3 MW AC
Project SPV	<ul style="list-style-type: none"> • Infinity 3 for Renewable Energy • A joint stock company in Egypt • Ownership : <ul style="list-style-type: none"> • Infinity Solar S.A.E 100% • The Infinity 3 project was developed by Infinity Solar S.A.E



Infinity 3 Solar Park – Technical Overview

- The Infinity 3 Solar Park comprises of
 - 3802 KWp of installed capacity
 - Over an area of 6.3 ha with 11,520 solar panels
- Mounted on a state-of-the-art horizontal single-axis tracking system.
- Will produce approximately 9,659 MWh per year.
- Approximately same amount of electricity to power almost 4,140 homes.



Infinity Solar Carbon Footprint Savings

- According to the US Energy information Administration (EIA):
 - Coal produces 0.93 kg of CO₂ per kWh of energy produced
 - Natural Gas produces 0.55 kg of CO₂ per kWh of energy produced.
- With our current pipeline the energy Infinity Solar will produce through Solar technology will prevent the carbon emission figures displayed to the right

After Year 1 of Solar Farm Commissioning	Energy Injected Into Grid	CO ₂ Emissions Prevented
1 MW	2,405 MWh	1,330,884 kg
3 MW	5,918 MWh	3,275,140 kg
3x50 MW	444,390 MWh	245,917,734 kg
30 MW	78,262 MWh	43,308,836 kg
TOTAL	530,975 MWh	293,832,594 kg

After Year 25 of Solar Farm Commissioning	Energy Injected Into Grid	CO ₂ Emissions Prevented
1 MW	57,326 MWh	31,722,963 kg
3 MW	136,173 MWh	75,356,002 kg
3x50 MW	10,468,029 MWh	5,792,826,060 kg
30 MW	1,843,535 MWh	1,020,180,359 kg
TOTAL	12,505,063 MWh	6,920,085,384 kg

Commercial and Residential Solutions

- Infinity Solar has been successfully qualified by the New and Renewable Energy Authority (NREA) in Egypt for installing grid connected solar systems up to 500 KW
- Solutions include on-grid, off-grid, back-up and hybrid solutions, as well as solar lighting, solar water heaters, solar water pumps and solar carports.
- Completed works include:

Project	Solutions installed
Palm Hills golf course	25 solar powered LED poles to light the golf range and green
Mc Donalds Amreya	Solar thermal water heating, off-grid lighting solution for parking
Palm Hills mosque	8KW backup photovoltaic system
4 private villas, 1 apartment	backup photovoltaic systems ranging from 8 to 40 KW

Transformation and Empowerment of Local Communities

In Infinity Solar, we understand that responsibility towards society is of particular importance to the renewable energy industry due to industry's potential for affecting the community. Our stakeholder engagement activities are an ongoing effective process in order to be able to have a successful management of risks and impacts on the communities affected by the project. During Infinity 50 construction, we were the first and the only developer on ground for almost one year which allowed us to maintain a close relation with the local community in terms of offering job opportunities (90% of Workforce were hired from the local community), enhance their technical background in a new and sustainable technology, Develop their sense of awareness about Health and Safety practices, etc.

Thank You

