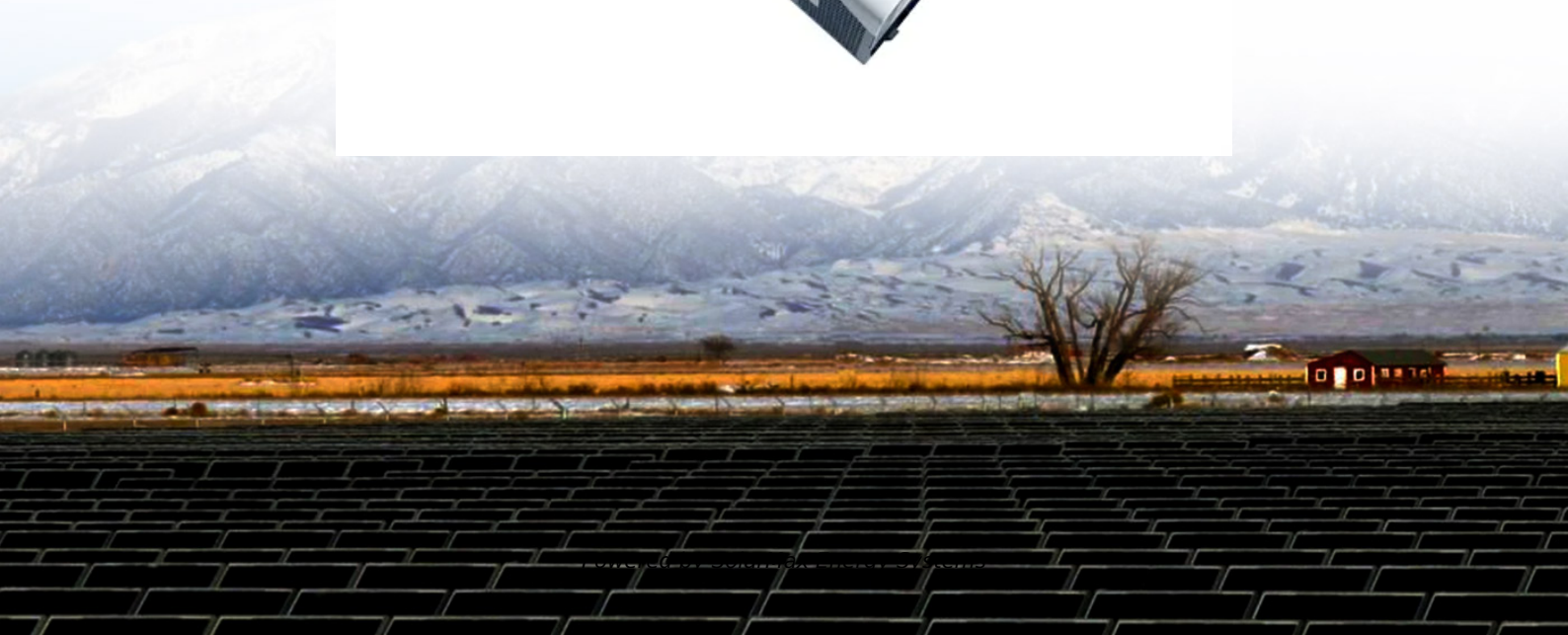


## SolarMax Energy Systems

# Which solar base station is better in the Democratic Republic of Congo



## Overview

---

How will the DRC telcos support a new solar-powered base station?

According to the telcos, the JV will extend network coverage for up to 19 million people in less densely populated rural areas of the DRC. To support the connectivity plans, the duo have pledged to jointly build up to 2,000 new solar-powered base stations over the next six years, which will provide 2G and 4G connectivity.

Which telco operates in the Democratic Republic of Congo?

In DRC, Orange has more than 15 million subscribers, and more than 3,400 sites. South African-based Vodacom, which is a subsidiary of UK telco Vodafone, operates in several other African markets, including the Democratic Republic of Congo, Egypt, Ethiopia, Kenya, Lesotho, Mozambique, and Tanzania.

How can the DRC bridge the digital divide?

Deploying and operating networks, particularly in deep rural areas, continues to be a significant challenge in the DRC. To bridge the digital divide and expand network coverage in underserved communities, the companies have pledged to jointly construct up to 2,000 new solar-powered base stations over six years, using 2G and 4G technologies.

What is mobile internet penetration in the DRC?

Mobile Internet penetration in the DRC is at 32.3% and Orange and Vodacom's announcement to construct new base stations in the country aligns with the country's new vision for the digital economy as included in the National Digital Plan Horizon 2025 adopted in 2019.

What will DR Congo's new power station provide?

The power station will provide an estimated 250 GWh of clean energy to the national grid of DR Congo, enough to supply 1.25 million Congolese people.

Other beneficiaries include mines in the Lualaba Province, including those of copper, cobalt, gold, uranium and radium.

What is Kolwezi solar power station?

The Kolwezi Solar Power Station is a proposed 100 MW (130,000 hp) solar power plant in the Democratic Republic of the Congo. The power station is under development by a number of independent power producers and international financial institutions.

## Which solar base station is better in the Democratic Republic of Congo

---



### Orange and Vodacom form tower JV in Democratic Republic of Congo

To support the connectivity plans, the duo have pledged to jointly build up to 2,000 new solar-powered base stations over the next six years, which will provide 2G and 4G ...

[Get a quote](#)

### Kolwezi Solar Power Station

The Kolwezi Solar Power Station is a proposed 100 MW (130,000 hp) solar power plant in the Democratic Republic of the Congo. The power station is under development by a number of ...

[Get a quote](#)



### Vodacom and Orange to launch solar-powered base stations in ...

To make this happen, Vodacom and Orange plan to build 2,000 solar-powered base stations over the next six years, using 2G and 4G tech. The first thousand sites are ...

[Get a quote](#)



## Orange and Vodacom JV to expand coverage with new towers in Congo

Telecoms operators Orange and Vodacom have formed a joint venture to build, own, and operate solar-powered mobile base stations in underserved areas of the Democratic ...



[Get a quote](#)

---



## Solar Coverage Boost in DRC: Orange, Vodacom Partner

The first solar-powered base station is expected to become operational this year, with the investment set to provide voice, data, and mobile money services. This approach will ...

[Get a quote](#)

---

## Orange, Vodacom Bolster DRC Rural Network Coverage

Orange and Vodacom join forces in a groundbreaking rural towerco partnership to build and operate solar-powered mobile base stations, bringing sustainable connectivity to ...



[Get a quote](#)

---

## Power plant profile: Kolwezi Solar PV Park, Democratic Republic ...

Kolwezi Solar PV Park is a 100MW solar



✓ LIQUID/AIR COOLING

✓ PROTECTION IP54/IP55

✓ PCS EMS

✓ BATTERY /6000 CYCLES

PV power project. It is planned in Katanga, Democratic Republic of the Congo. According to GlobalData, who tracks and profiles ...

[Get a quote](#)

## Orange and Vodacom JV to expand coverage with new towers in ...

Telecoms operators Orange and Vodacom have formed a joint venture to build, own, and operate solar-powered mobile base stations in underserved areas of the Democratic ...



[Get a quote](#)

## Orange and Vodacom form tower JV in Democratic ...

To support the connectivity plans, the duo have pledged to jointly build up to 2,000 new solar-powered base stations over the next six years, ...



[Get a quote](#)

## Fournisseur d'onduleurs Sunsynk et assistance en RDC

Vision : To be the leading provider of solar solutions for the residential,

commercial and industrial sectors in the Democratic Republic of the Congo, powered by solar energy. Core values ...

[Get a quote](#)



 **LFP 280Ah C&I**



## **Vodacom and Orange create a joint venture to expand network ...**

Vodacom and Orange have joined hands to form, a first of its kind, rural towerco partnership in Africa. Through this partnership, the companies will collaborate to build, own, ...

[Get a quote](#)

## **Congo: Vodacom And Orange Launch Africa's First Rural ...**

Through this collaboration, the companies will build, own, and manage solar-powered mobile base stations in underserved areas of the Democratic Republic of Congo (DRC).

[Get a quote](#)



## **Orange, Vodacom Bolster DRC Rural Network Coverage**

Orange and Vodacom join forces in a



groundbreaking rural towerco partnership to build and operate solar-powered mobile base stations, ...

[Get a quote](#)



## Soleos Energy to Build 200 MW Solar Plant in DRC

Soleos Energy, a renewable energy development company based in India, is partnering with Melci, an electrical engineering company in the Democratic Republic of Congo ...

[Get a quote](#)



## Democratic Republic of Congo Box-type Energy Storage Power Station

Taking advantage of the Democratic Republic of the Congo's (DRC's) significant solar energy potential, renewable energy developer, Bboxx, and telecommunications operator, Orange ...

[Get a quote](#)

## DEMOCRATIC REPUBLIC OF CONGO A SLEEPING HYDRO ...

The following page is a list of power



stations in the Democratic Republic of the Congo. As of December 2015, installed electric generation capacity totalled 2,442 megawatts, but only half

...

[Get a quote](#)



## **Vodacom & Orange to Build Solar Towers in DRC's Underserved ...**

Vodacom and Orange have formed a unique rural towerco partnership to build, own, and operate solar-powered mobile base stations in underserved areas of the Democratic ...

[Get a quote](#)

## **SOLAR SOLUTIONS IN THE DEMOCRATIC REPUBLIC OF CONGO**

Nouakchott solar photovoltaic energy storage power station Nouakchott solar PV Park is a ground-mounted solar project which is spread over an area of 300,000 square meters. The ...

[Get a quote](#)



## **DRC: Solar energy project to bring electricity to a million people**



A solar energy project in the Democratic Republic of Congo (DRC) is aimed at bringing electricity to at least a million of the country's people. The plan is to have the \$340 ...

[Get a quote](#)

---

## Orange and Vodacom create a joint venture to expand network ...

Through this partnership, the companies will collaborate to build, own, and operate solar-powered mobile base stations in underserved areas of the Democratic Republic of ...

[Get a quote](#)



## List of power stations in the Democratic Republic of the Congo

The following page is a list of power stations in the Democratic Republic of the Congo. As of December 2015, installed electric generation capacity totalled 2,442 megawatts, but only half ...

[Get a quote](#)

---

## Power plant profile: Brazzaville Solar PV Project, Democratic

## Republic

Brazzaville Solar PV Project is a 55MW solar PV power project. It is planned in Kinshasa, Democratic Republic of the Congo.

[Get a quote](#)



### **CBE seals Africa's first baseload renewable energy ...**

The plant is expected to produce 300,000 MWh of clean energy per year. Additionally, the project is significant in demonstrating that baseload ...

[Get a quote](#)

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://zenius.co.za>