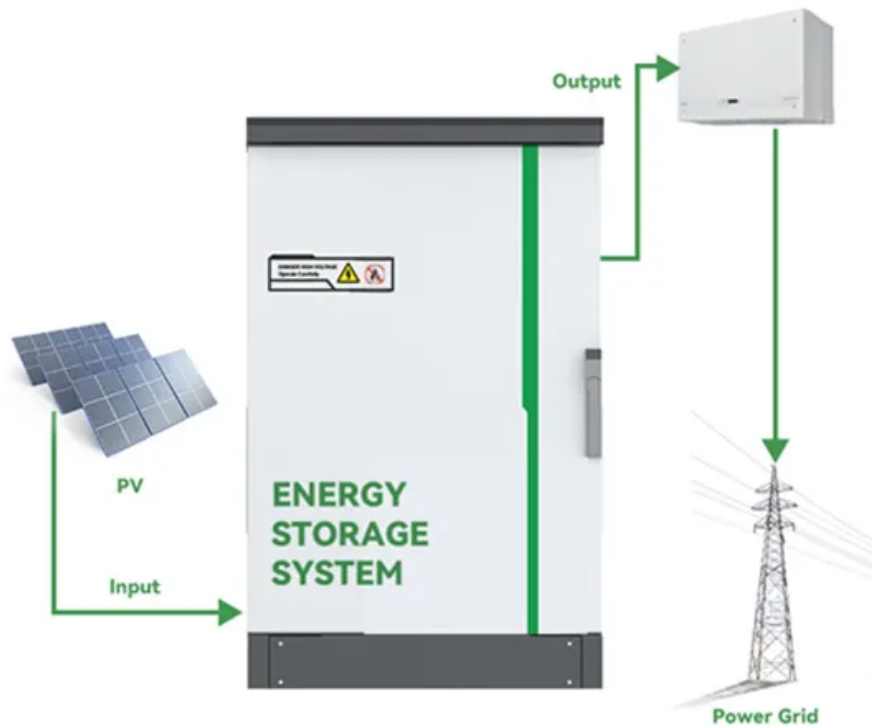


## European Solar and Energy Storage Solutions

# Tangent energy Niger



## Overview

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Who is tangent energy?

Headquartered in Kennett Square, Pennsylvania, Tangent Energy provides customers with turnkey solutions for reducing energy costs, increasing energy efficiency, reducing emissions, monetizing electric grid support and providing resiliency for customer operations.

Who owns Tangent Energy Solutions?

DEERFIELD, IL – Caterpillar Inc. (NYSE: CAT) has acquired Tangent Energy Solutions, a U.S.-based energy-as-a-service (EaaS) company.

Why did Caterpillar buy Tangent Energy Solutions?

DEERFIELD, IL - Caterpillar Inc. today announced the purchase of Tangent Energy Solutions, an energy-as-a-service (EaaS) company that provides customers with turnkey solutions for reducing energy costs, increasing energy efficiency, reducing emissions, monetizing electric grid support, and providing resiliency for customer operations.

What is tangent energy DERMs?

Tangent Energy's proprietary software solution is a proven DERMS platform that monitors, manages and monetizes on-site energy assets, including natural gas and renewable power generation, storage and microgrids.

How is energy used in Niger?

Total energy supply (TES) includes all the energy produced in or imported to a country, minus that which is exported or stored. It represents all the energy required to supply end users in the country.

How can Niger balance its energy mix?

This transformative project, funded by the World Bank through the

International Development Association (IDA), will enable Niger to better balance its energy mix, which is currently largely dominated by thermal energy. This initiative is particularly crucial for a country that frequently faces climatic shocks.

## Tangent energy Niger

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### News , Tangent Energy Solutions



Tangent Energy Among Greentech Media 2017 Grid Edge Award Winners. The following provides an excerpt from the GTM article and their overview of Tangent Energy. A link to the full article is provided at the end of this excerpt. The 2017 Grid Edge Awards: Projects Defining the Future Integrated, Interactive Electric Grid

### About Us , Energy as a Service

Tangent Energy ® is an Energy as a Service (EaaS) company that elevates the ability of energy providers and customers alike to monitor, manage, and monetize distributed energy resource (DER) systems. Tangent Energy provides all components required for a successful EaaS solution.



### Niger's data-driven energy transition boosts climate action

It highlights how data analysis informed policy decisions for renewable energy, improved cookstoves, and rural electrification, considering both greenhouse gas reduction and socio-economic benefits. Learn how Niger's data-driven approach empowers them to track progress, fulfill international commitments, and inspire other developing nations.

## Niger: Energy Country Profile

Niger: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO<sub>2</sub> - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas emissions. So, reducing energy consumption can inevitably help to reduce emissions.



114KWh ESS



ISO 9001 ISO 14001 PICC RoHS CE MSDS UN38.3 UK CA IEC

## Careers , Tangent Energy , Tangent Energy Solutions

Tangent Energy is always looking for new people that want to be a part of the exciting changes happening in today's energy industry. Our headquarters are located near Philadelphia, but positions are available throughout the U.S. and Canada. If you would like to learn more about working at Tangent Energy Solutions, contact us.

## Energy as a Service and Solutions , Tangent Energy Solutions

Tangent Energy is a market-proven Energy as a Service (EaaS) company that combines an industry-leading, energy solutions technology platform with expert insights and managed services to provide distributed power solutions.



## Caterpillar Acquires Tangent Energy Solutions for Turnkey Energy ...

For Worldwide Release: May 5, 2022. DEERFIELD, IL - Caterpillar Inc. today announced the purchase of Tangent Energy Solutions, an energy-as-a-service (EaaS) company that provides



customers with turnkey solutions for reducing energy costs, increasing energy efficiency, reducing emissions, monetizing electric grid support, and providing resiliency for customer operations.

## Securing Electricity in Niger Through Renewable Energy

This transformative project, funded by the World Bank through the International Development Association (IDA), will enable Niger to better balance its energy mix, which is currently largely dominated by thermal energy.



## EaaS Customer Segments , Tangent Energy Solutions

Tangent Energy's Energy as a Service (EaaS) solutions benefit energy users and energy providers alike. End users benefit from a technology platform that can predict periods of higher costs on the energy grid and provide the managed services needed to not only avoid these charges, but also participate in a wide range of other programs.

## Energy Solutions , Energy as a Service , DERs

Energy as a Service (EaaS) is a Tangent Energy ® offering that provides large energy users, including commercial and industrial facilities, institutional campuses, utilities, and energy retailers, with the expertise, resources,

technology, and automated services needed to lower electricity costs and participate in revenue-generating programs



## Caterpillar Acquires Tangent Energy Solutions

Tangent Energy Solutions will continue to offer services under the Tangent Energy brand and operate under Caterpillar's Electric Power Division. With 2021 sales and revenues of \$51.0 billion, Caterpillar Inc. is a manufacturer of construction and mining equipment, off-highway diesel and natural gas engines, industrial gas turbines and diesel

## Project Financing , Tangent Energy Solutions

EaaS enabled distributed energy assets generate lucrative long-term economic benefits, but high upfront capital costs can be a significant barrier for many customers. Discover how Tangent can leverage the long-term economic returns of EaaS to secure third-party funding, enabling customers to realize the benefits of DER assets with little or no upfront capital investment.



## Caterpillar Acquires Tangent Energy Solutions for Turnkey Energy ...

Caterpillar Inc. today announced the purchase of



Tangent Energy Solutions, an energy-as-a-service (EaaS) company that provides customers with turnkey solutions for reducing energy costs, increasing energy efficiency, reducing emissions, monetizing electric grid support, and providing resiliency for customer operations.

## **Tangent Energy , Hybrid energy , Energy Storage , Microgrid**

Tangent Energy is a team of renewable energy specialists with many many years experience in Energy Storage and Photovoltaics. Our mission is to deliver cutting edge solutions to help tackle climate change and air pollution. We believe passionately in the environment and we aim to make a difference to peoples lives by what we do.



## **Niger**

The sectoral breakdown of a country's energy demand, which is based on its economy, geography and history, can greatly impact its energy needs and which energy sources it relies on to meet those needs - such as fueling automobiles, heating or cooling homes or running factories.

## **Caterpillar Acquires Tangent Energy Solutions**

DEERFIELD, IL - Caterpillar Inc. (NYSE: CAT) has acquired Tangent Energy Solutions, a U.S.-based energy-as-a-service (EaaS) company. Headquartered in Kennett Square, Pennsylvania, Tangent Energy provides customers with turnkey

solutions for reducing energy costs, increasing energy efficiency, reducing emissions, monetizing electric grid

**DETAILS AND PACKAGING**



**Tangent Energy , Hybrid energy , Energy Storage , Microgrid**

o We understand that navigating this new energy world is challenging and we're here to guide you.  
 o We know exactly how these complex systems work in the field and what makes a robust and durable solution.  
 o We take a flexible approach and offer a comprehensive suite of products and services.  
 o Our team is passionate about reducing the

**Securing Electricity in Niger Through Renewable ...**

This transformative project, funded by the World Bank through the International Development Association (IDA), will enable Niger to better balance its energy mix, which is currently largely dominated by thermal energy.



**Energy as a Service and Solutions**

Tangent Energy is a market-proven Energy as a Service (EaaS) company that combines an industry-leading, energy solutions technology platform with expert insights and managed



services to provide distributed power solutions. Tangent's solutions are powerful enough to manage all distribute energy resources (DERs) in an energy provider's

## Niger: Energy Country Profile

Niger: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key ...



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## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://www.ssab-proiect.eu>