

INSIGHTS

EMPOWERING SOLAR ACROSS THE MIDDLE EAST

SEPTEMBER 2020



The 2050 Strategy Energy of the UAE
- Perspectives of Development of the Renewable Energy

Chinese PV Industry Brief: Big Deals In The Middle East

JA Solar Launches 800 W Solar Panel

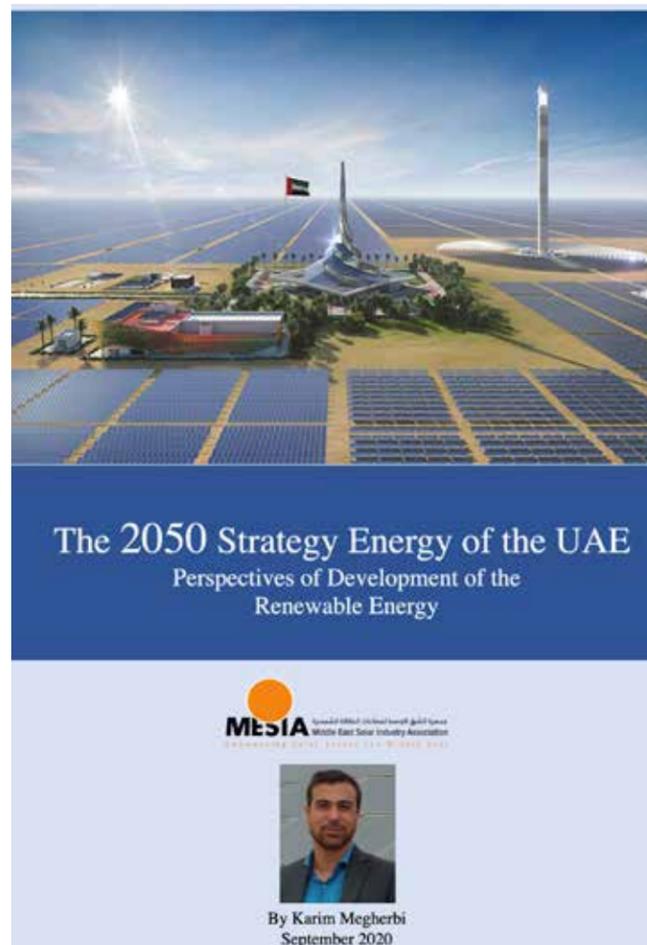
The 2050 Strategy Energy of the UAE - Perspectives of Development of the Renewable Energy

By Karim Megherbi

The UAE enjoys one of the highest radiation levels in the world with a very low variability. Home country of the lowest solar PV1 PPA2 and CSP3 PPA prices in the world, it also attains the 7th largest reserves of both oil and gas (O&G) and a significant portion of its GDP (app 30%) is derived from it.

While the world is moving towards net-zero CO2 emissions and countries are trying to move away from oil, which direction the State will take in the coming decades?

Download [here](#).



JA Solar Launches 800 W Solar Panel

Source: PV Magazine
14 August 2020



The new product, currently the most powerful panel on the market, was showcased at the SNEC PV Power Expo in Shanghai. Also presented at the fair was a 780 W product from Tongwei and a 660 W module from Trina.

Read [more](#).

Chinese PV Industry Brief: Big Deals In The Middle East

Source: PV Magazine
14 August 2020

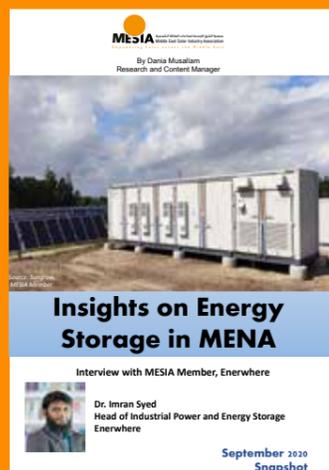


Shanghai Electric has won a contract to build the fifth 900 MW phase of a 5 GW solar park in Dubai. JA Solar also agreed this week to supply 138 MW of PV modules for two projects in Jordan.

Read [more](#).

SNAPSHOT OF THE MONTH

Insights on Energy Storage in MENA



MENA countries benefit from high level of solar irradiation, giving solar energy an advantage to produce power during the day. The advancements in technology and research is paving the way towards a possibility of making fantasies a reality. Storage solutions supplying a demand for 24 hours seems to be within reach in the near future. To understand how the market is currently performing and what shall we expect in the near future, MESIA had the pleasure to interview Dr Imran Syed, Head of Industrial Power and Energy Storage at Enerwhere.



By **Dania Musallam**
Research and Content Manager

Download [here](#).

South African Utility Eskom Launches Tender For 80 MW/320 MWH Of Storage

Source: PV Magazine
3 August 2020



The South African national power company is planning to deploy large scale energy storage capacity at the Skaapvlei substation. The facility will help manage the intermittent energy generated by a 100 MW Eskom wind farm.

Read [more](#).

BP To Move Heavily In Acquisitions & Divestments To Deliver New Strategy, Says GlobalData

Source: Utilities Middle East
11 August 2020



The company is focusing on renewables and decarbonisation. Following yesterday's announcement of BP's strategy for transition from an international oil company to an international energy company, Will Scargill, Managing Oil & Gas Analyst at GlobalData, a leading data and analytics company, offers his view on this transition;

Read [more](#).

Talesun Solar to Supply 130 MW to Cengiz Energy in Turkey

Source: PV Magazine
17 August 2020



The world's largest green hydrogen project will supply 650 tons per day of carbon-free hydrogen for transportation globally and save the world three million tons per year of CO2

Read [more](#).

Yellow Door Energy Reaches 110 Megawatts Of Solar Milestone

Source: Utilities
16 August 2020



Yellow Door Energy's solar projects have eliminated 21,600 tonnes of carbon emissions, equivalent to removing 4,700 passenger cars off the road

Read [more](#).

IRENA Wants To Improve Western African Grids For Renewables Integration

Source: PV Magazine
17 August 2020



The international agency is seeking consultants to prepare a plan to expand grid infrastructure across Western African countries. The ECOWAS region currently has only 16 GW of power generation

capacity, of which 32% comes from hydroelectricity and 68% from thermal power.

Read [more](#).

Photovoltaic + Energy Storage – The Ultimate Solution For Future Energy

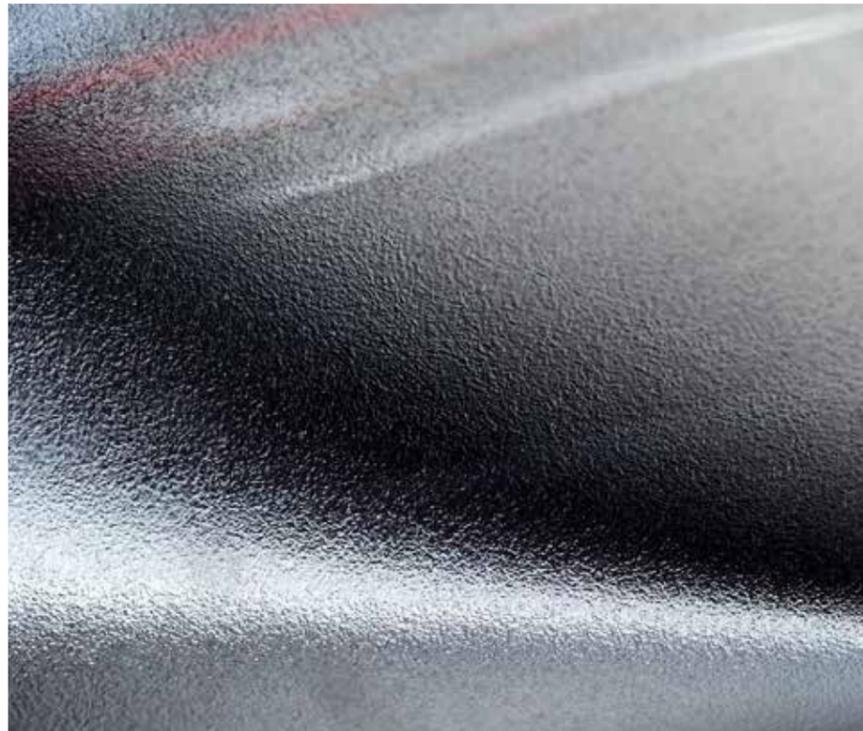
Source: PV Magazine
13 August 2020



In keynote address in the opening of SNEC 2020, President of LONGi Group Li Zhenguo believes that with declines in LCOE driven by solar photovoltaic and maturity of energy storage technology, PV will assume greater responsibilities to boost the global energy transition. Read [more](#).

Aluminum Energy Storage Coming To Abu Dhabi

Source: PV Magazine
18 August 2020



Swedish start-up Azelio says it will have a pilot project up and running in Masdar City by the end of next month. The technology sees electricity used to super heat aluminum with energy released on demand via a heat transfer fluid to drive a Stirling engine.

Read [more](#).

Diyar Al Muharraq Begins Installation Of Solar Energy Trees

Source: ME Construction
24 August 2020
13 May 2020



Integrated city is said to be one of the largest development projects in Bahrain, blending modern life with the Kingdom's authentic heritage

Read [more](#).

Dubai International Academic City And Dubai Outsource City Complete Solar Projects

Source: ME Construction
25 August 2020



Pair of Enova solar PV carports will generate 4.25 GWh of clean electricity annually – enough to power 350 homes

Read [more](#).



Mr Javier de la Cruz
Managing Director - Middle East
PVH

1. What is your role at PVH and how would you describe your job?

Since 2016 when I joined Grupo Gransolar as Middle East Managing Director I have been responsible for the establishment of the company's affiliates in the region and the development of a reliable project portfolio, ensuring client satisfaction in all of them.

Since then, the company and the team have successfully completed our first project in the region and our largest one single-site project for the company, 800 MWp, and in total, over the past 3 years, PV Hardware (PVH) has supplied 2 GWp of solar tracking systems in the region, including Egypt, Jordan, United Arab Emirates among others.

Due to the success and good performance of the team currently coming from the Middle East, we are also managing Eastern Europe, and have established a hub of qualified technicians who are attending PVH's assembly and commissioning quality inspections worldwide in countries such as Australia, South Africa, Nigeria, apart from the Gulf Region countries.

The work is culturally challenging due to the diversity of our clients and requires adapting to the different needs and expectations of each one. However, the successful growth and sustainable settlement of PVH in the region keeps all members of our team motivated to continue working hard.

2. How did you start your journey in the solar industry?

It is indeed a very good question. I will always

remember August 2017, when I was working for a small company in Spain designing and installing heating and photovoltaic rooftop solar systems and one day I receive two phone calls from two big companies with very different vacancy requirements as per my profile. The first company was a consulting firm that offered me to join its international financial team with worldwide presence, and the second was a vertically integrated company, specialized in photovoltaic solar energy based in Spain, which aimed to expand its renewable business activity outside the country.

For me this is one of those moments in your life in which you realize of how decisions define your life and your future events.

I have always felt myself to do something for others and, indeed, renewable energy is, as per my engineer background, the space where I felt and I have always felt really motivated to give all I have. So you can imagine what was my choice, I joined the solar PV company to get immerse into the renewable sector which back in 2007 everyone was talking about but it was not such a huge industry as today. I have never regretted this decision which has driven me and given me the opportunity to work in permanent positions on four continents over the last 10 years, and I really hope that this adventure continues for many years.

Since I started working on large-scale projects in the renewable energy sector in 2017, I have been involved in several business units including business development, project finance, construction, operation, and maintenance. I feel very lucky to have the opportunity to explore each of the processes to bring a project to the ground and currently deploy all this knowledge in the Middle East.

3. What is your most memorable moment in Solar?

There are two memorable moments in Solar in my life.

The first one was the successful achievement of financial closure of Ilanga I project in South Africa in 2015, while I was still working with my earlier employer. It was something memorable after more than one-year contract negotiations, condition precedents follow up and fulfillment check and a memorable consortium where financial institutions and technical members were altogether joined with one single target: achieving the financial closure of the project prior to the deadline.

The second was the signing in 2016 of the 800 MWp project for which we have supplied solar tracking systems and services in Dubai (UAE), and which we have successfully completed without delay. This project has allowed PVH to position itself as a leading player and continue to grow and strengthen its position in the region. In the near future, we will establish a company in the Kingdom of Saudi Arabia with a local Saudi partner to embrace our long-term commitment in the Middle East.

Trina Solar to Add 10GW in Annual Production Capacity of Ultra-High-Efficient 210mm Solar Cells



Trina Solar Co Ltd, a world's leader in solar technology manufacturing, has announced that it has signed an investment cooperation agreement with the Management Committee of Yancheng Economic and Technological Development Zone in Jiangsu province to expand its manufacturing capacity of 210mm solar cells. Read [more](#).

SirajPower Extends Its Solar Operations And Maintenance Beyond Its Portfolio For The Solar Sector In The Middle East



SirajPower, UAE's leading distributed solar energy provider, today announced that it has started to provide operation and maintenance (O&M) services to all solar plant owners in the region beyond its owned portfolio. Through its O&M services, SirajPower will handle the operation, cleaning, and maintenance of solar systems allowing clients and plant owners to focus on their core business. The move also comes as SirajPower continues to champion the commercial, industrial and residential sectors (solar rooftop and carports) thanks to the strong and extensive solar experience built for nearly half a decade.

Read [more](#).

SHENZHEN CUBENERGY CO., LTD.

Corporate Members
China
www.cubenergy.com



Shenzhen Cubenergy Technology Co., Ltd (“Cubenergy”) is a leading energy technology company specialized on manufacturing of C&I Energy Storage Systems and standardized Battery Strings with LFP(LiFePO4) batteries. Founded in October 2014, till end of 2019, Cubenergy had supplied a total capacity of 268MWh ESS around the world.

As an active ESS player in MENA market, only in 2020 first half, Cubenergy has supplied 12MWh ESS for microgrid systems and PV plus storage systems in Iraq, Afghanistan, and Oman.

With a strong R&D team and best understanding of ESS, especially on ESS organic integration with renewable generation in microgrid systems, we will contribute to MENA solar industry, with our advanced, reliable, and cost-efficient ESS & Battery String products, standardized or custom-made with our unique solutions.



CONTACT US

If you have a question or would like to speak to us about a project, please contact the relevant board member below. For urgent queries please contact anne@mesia.com

BOARD OF DIRECTORS

Chairman	Abdul Aziz Al Midfa	chairman@mesia.com
President	Ahmed Nada	ahmed@mesia.com
Vice-President	Alexandre Allegue	alex@mesia.com
Secretary General	Martine Mamlouk	martine@mesia.com
Finance, Governance And Government Relations Director	Khawla Albloushi	khawla@mesia.com
Marketing Director	Gurmeet Kaur	gurmeet@mesia.com
Legal Director	Laura Capelin	laura@mesia.com
International Development Director	Vikas Bansal	vikas@mesia.com

EXECUTIVE TEAM

Operations & Events Manager	Anne Couesnon	anne@mesia.com
Membership Manager	Karine Metivier	karine@mesia.com
Content and Report Manager	Dania Musallam	daniam@mesia.com

