

MENA's Greatest Renewable Projects Up for Tender

in conjunction with

MENASOL presents

MENA NEW ENERGY 2018

A CSP, PV, WIND & ENERGY STORAGE CONFERENCE & EXHIBITION

24th – 25th April 2018 • Hyatt Regency, Dubai

The list will provide insight on the biggest renewables project up for tender in the Middle East and North Africa region.

As a disclaimer, we are not able to list every tender in the region. However, this will hopefully provide you with a snapshot of the amount of activity due to happen in 2018.

We will be updating the list soon – if there is a tender you think we should include, then let me know via paul@newenergyupdate.com

Formerly known as MENASOL, download the **MENA New Energy 2018 (Dubai 24–25 April) brochure here** 

Bid, Win and Develop Cash Rich Projects in MENA



1



**SAUDI ARABIA:
Dumat Al Jandal 400 MW Wind Power Project**

Offtaker: Saudi Electricity Company
Location: Dumat Al Jandal, Al Jouf Region

This is the first utility-scale wind power project under Saudi Arabia's National Renewable Energy Program (NREP). The Ministry of Energy's Renewable Energy Project Development Office (REPDO) invited bids in August from 25 pre-qualified companies, who will proceed to the RFP stage. The project will be backed by a 20-year power purchase agreement.

Key dates:

- 29 August 2017: RFP issued - bids invited from 24 shortlisted companies
- January 2018: Bidding set to close

2



**SAUDI ARABIA:
Sakaka 300 MW Solar PV project**

Offtaker: Saudi Electricity Company
Location: Sakaka, Al Jouf Region

This is the first utility-scale solar power project under Saudi Arabia's National Renewable Energy Program (NREP). It is also the first of 60 greenfield projects to be tendered over the next seven years in Saudi Arabia as the country pursues a target of 9.5GW of renewables by 2023. The tender has attracted record-low bids, with the lowest at 1.78 US cents/kWh (Masdar-EDF), followed by 2.3 US cents/kWh, (ACWA Power). The project will be backed by a 25-year PPA.

Key dates:

- 10 April 2017: 27 out of 128 companies qualified
- 17 April 2017: RFP issued – bids invited from shortlisted companies
- 3 October 2017: Eight bids submitted by pre-qualified consortia
- 27 November 2017: Winner to be announced
- 27 January 2018: Contract to be awarded
- 28 February 2018: Financial closing
- 2019: Commissioning

Formerly known as MENASOL, download the **MENA New Energy 2018 brochure** (Dubai 24–25 April) here

Bid, Win and Develop Cash Rich Projects in MENA

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

3



SAUDI ARABIA: Round 2 of the NREP

Offtaker: Saudi Electricity Company
Location: Various sites

The RFQs for Round Two of Saudi Arabia's National Renewable Energy Program will go live during the last quarter of 2017. The projects will feature tenders for 1,020 MW of capacity, comprising a 400MW wind farm in Doumat Al Jandal and 620 MW of solar-PV projects across various sites.

Key dates:

- Q4 2017: Launch of Round Two

4



KUWAIT: Dibdibah Solar Power Plant

Offtaker: Kuwait National Petroleum Company
Location: Within the Shagaya Renewable Energy Park, 100km west of Kuwait

Kuwait National Petroleum Company (KNPC), a subsidiary of Kuwait Petroleum Corporation (KPC), invited expressions of interest for the Dibdibah solar-power plant in May 2017, with a submission deadline of September 7, 2017 (extended to September 28).

The 1 GW project is estimated to cost \$1.2 billion and generate 2,500 GWh per year, or half of the country's targeted renewable energy output. KNPC plans to launch the tender for the project in the first quarter of 2018. The winning bidder will design, build, operate and maintenance the 32-square-kilometre solar power plant.

The solar power plant will save burning 5.2 million barrels of oil a year and is part of the country's plan to source 15% of its electricity needs from renewable energies by 2030. KPC will contribute to this target by securing 15% of the oil sector's electricity demand from solar power by 2020.

Key dates:

- 28 September 2017: EOI submission deadline
- Q1 2018: Tender to be issued
- End of 2020: Commercial operation date

Formerly known as MENASOL, download the **MENA New Energy 2018 brochure** (Dubai 24–25 April) [here](#)

Bid, Win and Develop Cash Rich Projects in MENA

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

5



MOROCCO: Noor Midelt Solar Hybrid Complex

Offtaker: *The Moroccan Agency for Solar Energy (MASEN)*
Location: *Northeast of Midelt, Central Morocco*

Noor Midelt Phase I consists of two solar hybrid plants, each with 150-190 MW CSP capacity and a minimum of five hours of thermal storage. The capacity of the PV component, which is expected to provide daytime generation, is left to the bidders' discretion, but cannot exceed night-time CSP net capacity by more than 20%. The project will be developed through an IPP scheme and have an overall capacity of around 800 MW.

MASEN issued the RFP in July 2016 and received proposals from seven applicants by November of the same year. In June 2017, MASEN prequalified five teams for the solar complex and invited them to submit their proposals by October 12, 2017 - a deadline which was recently postponed for two months. The final results of the RFP will be released by end of 2018. Noor Midelt Phase I will receive a \$25 million loan from the Climate Investment Funds' Clean Technology Fund (CTF) in addition to \$25 million in CTF resources provided by the African Development Bank and the World Bank. The entire solar complex will cover an area of about 2,400 hectares, some 25km northeast of the city of Midelt.

Key dates:

- June 2017: Five consortia prequalified
- Mid-December 2017: RFP deadline
- End of 2018: Winners to be announced

6



BAHRAIN: Solar IPP Project

Offtaker: *Bahrain Electricity & Water Authority*
Location: *TBA*

Bahrain plans to tender a 100 MW solar power plant in the first quarter of 2018, using the IPP model. The country's cabinet gave the green light to the project on 19 September 2017. The power plant is expected to be completed in 2019 and will support Bahrain's target of producing 5% of its electricity demand from renewables by 2025.

Bahrain is increasingly recognizing the importance of renewable energy and appointed Italy's CESI in July 2017 to support its endeavours. The technical consulting and engineering firm will assist the government in developing regulatory requirements to connect and distribute renewable energy to the grid. Bahrain also opened its first solar panel factory in early 2017 with an initial production capacity of 60,000 panels a year.

Key dates:

- Q1 2018: RFQ launch
- 2019: Commercial operation date

Formerly known as MENASOL, download the **MENA New Energy 2018 brochure** (Dubai 24–25 April) [here](#)

Bid, Win and Develop Cash Rich Projects in MENA

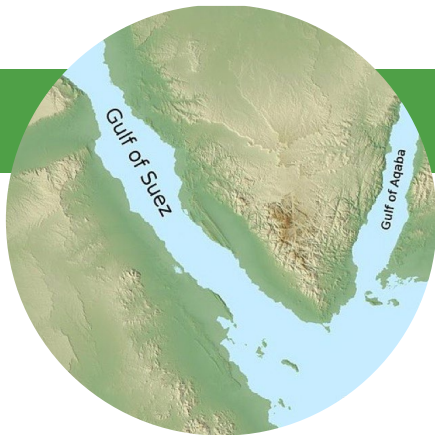
Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

7



EGYPT: Gulf of Suez Wind Farm

Offtaker: *The Ministry of Electricity and Renewable Energy*
Location: *Gulf of Suez, northern end of the Red Sea (400km southeast of Cairo)*

Egypt's New and Renewable Energy Authority (NREA) invited pre-qualifications for this project between 20 April and 29 May 2017. The scope of work entails the design, construction and commissioning of a 250 MW wind farm in the Gulf of Suez, to be built under a turnkey EPC contract.

In July 2017, four out of 21 international companies were prequalified and requested to submit proposals by mid-August, including Vestas, Siemens, Enercon and Ray Power. The wind farm is being jointly funded by the Agence Francaise de Developpement, European Investment Bank, European Commission, German Financial Cooperation through KfW, and the Egyptian government.

Egypt aims to generate 20% of electricity from renewable sources by 2022, with wind providing 12%, hydropower 5.8%, and solar 2.2%. The solar energy plan aims to install 3.5 GW by 2027; including 2.8 GW of PV and 700 MW of CSP – as well as 7.2 GW of wind by 2022.

Key dates:

- 20 April – 29 May 2017: RFQ window
- July 2017: Four out of 121 companies prequalified

8



OMAN: Solar-Hybrid Rural Project

Offtaker: *Rural Areas Electricity Company*
Location: *Musandam, Al Wusta and Dhofar*

The Rural Areas Electricity Company (RAECO) of Oman is currently conducting feasibility studies at about 11 locations across the country for solar hybrid projects. Once the sites are determined, the authority will issue requests for proposals to set up the projects. The study is expected to be completed by the end of 2017 or early 2018 and the locations being studied include Musandam, Al Wusta and Dhofar.

RAECO plans to convert the diesel power plants that it operates into hybrid solar-diesel systems as transporting gas to remote areas is difficult and costly. The government authority aims to generate 25% of its energy needs in these locations from renewables.

Key dates:

- End of 2017/Early 2018: RFQ launch

Formerly known as MENASOL, download the **MENA New Energy 2018 brochure** (Dubai 24–25 April) [here](#)

Bid, Win and Develop Cash Rich Projects in MENA

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

9



OMAN: Solar IPP Project

Offtaker: *Oman Power & Water Procurement Company*
Location: *TBA*

Oman's utility Oman Power & Water Procurement Company (OPWP) plans to procure the country's first large-scale solar project in late 2017. The company issued an RFP in July 2017 to seek legal advisors for the tendering of the plant. This followed a similar RFP for financial and commercial advisory services for the project in May. The 200 MW solar PV plant will be connected to the country's main interconnected system and developed as an independent power project.

According to OPWP's seven-year statement for 2017-2023, the tender is scheduled for launch in the fourth quarter of 2017, and the contract will be awarded by the third quarter of 2018. The power plant should be operational by 2020.

Oman is also setting up a solar panel factory through a collaboration between Chinese firm Ningxia Zhongke Jiaye New Energy & Technology Management Co. and Oman Investment Fund. The companies signed an agreement for the \$94-million solar-panel venture in May 2017. The facility will be built in Duqm free zone and will have an initial production capacity of 400 MW.

Key dates:

- Q4 2017: RFQ launch
- Q1 2018: RFP to be issued
- Q2 2018: Bids due
- Q3 2018: Contract to be awarded
- 2020: Commercial operation date

10



TUNISIA: Solar & Wind Power Auction

Offtaker: *Tunisian Company of Electricity and Gas (STEG)*
Location: *TBA*

The Tunisian government, through the Department of Energy, invited tenders for 70 MW of solar and 140 MW of wind energy projects in May 2017. With a budget of around \$164.2 million, the auction includes small-scale and utility scale plants.

For the solar capacity, 10 MW will be allocated for projects of up to 1 MW each, while 60 MW will be spread over projects of up to 10 MW each. The deadline for bid submissions is 15 November 2017.

For the wind energy facilities, 20 MW will be offered for projects of up to 5 MW each, while 120 MW will be auctioned in projects of up to 30 MW each. The deadline to submit bids for 70 MW of the wind capacity is 15 November 2017, while for the remaining 70 MW of wind power, it is 15 August 2018.

Overall, Tunisia plans to auction 1 GW of renewable energy capacity between 2017 and 2020, with a long-term target of installing 4.7 GW by 2030, or about 30% of the country's electricity mix.

Key dates:

- May 2017: RFP launched
- 15 November 2017: Deadline for bid submission (70 MW solar and 70 MW wind)
- 15 August 2018: Deadline for bid submission (70 MW wind)

Formerly known as MENASOL, download the
MENA New Energy 2018 brochure
(Dubai 24–25 April) [here](#)

**Bid, Win and Develop Cash
Rich Projects in MENA**

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

MENA's greatest projects to have reached financial close in 2017

in conjunction with

MENASOL presents

MENA NEW ENERGY 2018

A CSP, PV, WIND & ENERGY STORAGE CONFERENCE & EXHIBITION

24th – 25th April 2018 • Hyatt Regency, Dubai

The list will provide insight on the biggest renewables project up for tender in the Middle East and North Africa region.

As a disclaimer, we are not able to list every tender in the region. However, this will hopefully provide you with a snapshot of the amount of activity due to happen in 2018.

We will be updating the list soon – if there is a tender you think we should include, then let me know via paul@newenergyupdate.com

Formerly known as MENASOL, download the **MENA New Energy 2018 (Dubai 24–25 April) brochure here** 

Bid, Win and Develop Cash Rich Projects in MENA



1



EGYPT: Access/EREN PV Plants - Round 2 of FiT Program

The UAE's Access Infra Africa and France's EREN Renewable Energy secured \$116 million in financing in August 2017 for two 50 MW PV plants in Benban solar complex, Egypt. The financing is being provided by the European Bank for Reconstruction and Development (EBRD) and the French Development Agency's (AFD) subsidiary Proparco.

The projects are the first under EBRD's new \$500-million framework for renewable energy in Egypt, which is expected to finance a total of 16 projects delivering 750 MW of capacity.

2



EGYPT: Gulf of Suez Wind Farm

German development bank KfW signed an agreement with the Egyptian government in December 2016 to finance the 250 MW Gulf Suez Wind Farm on the Red Sea coast. The deal was signed together with European Investment Bank (EIB), AfD and the European Commission. KfW will provide a loan of €72 million, EIB €115 million, AfD €50 million and the European Commission will contribute a grant of €30 million, collectively amounting to €267 million. The wind farm is estimated to cost €343 million and set to break ground in 2018. Four bidders are competing to establish the project: Vestas, Siemens, Enercon and Ray Power.

3



JORDAN: Al Safawi PV Plant

Fotowatio Renewable Energy (FRV), part of Saudi Arabia's Abdul Latif Jameel, achieved financial close for its 51 MW Al-Safawi PV plant in September 2017, raising a \$65 million loan that will be provided in equal parts by EBRD and Dutch development bank FMO. The project is being developed under the second round of Jordan's solar IPP program and is scheduled to come online in 2018.

Formerly known as MENASOL, download the
MENA New Energy 2018 brochure
(Dubai 24–25 April) [here](#)

**Bid, Win and Develop Cash
Rich Projects in MENA**

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

4



**EGYPT:
Elsewedy PV Plant – Round 2 of FiT Program**

Egypt's Elsewedy Electric achieved financial close for its 65 MW PV project in Benban solar complex in October 2017. The \$70 million financing will be provided in equal parts by EBRD and Proparco and will cover the project's total investment. Construction is expected to start in Q1 of 2018 and completion is scheduled by the end of the same year. Elsewedy acquired a plot of land for the project and signed a PPA with the Egyptian Electricity Transmission Company before achieving financial close.

5



**JORDAN:
Al Fujeij Wind Farm**

Korea Electric Power Corp. (KEPCO) reached financial close on its 89 MW Fujeij wind power project in Jordan in December 2016. The Export Import Bank of Korea is providing a direct loan of \$64 million, with a \$52 million K-EXIM-covered loan being provided by Mizuho Bank and Sumitomo Mitsui Banking Corporation Europe. The commercial banks are also providing equity bridge facilities amounting to \$81 million.

Under a 20-year PPA with Jordan's National Electric Power Company, KEPCO will develop the project at a cost of \$184 million by October 2018 and operate it until 2038. The utility firm expects to sell electricity worth \$570 million until then. Denmark's Vestas is constructing the project.

6



**JORDAN:
Mafraq I – Round 2 of PV Proposals**

FRV achieved financial close for its \$76-million Mafraq I in March 2017. The 50 MW PV project received a financing package from the International Finance Corporation (IFC), Dutch Development Bank (FMO) and Europe Arab Bank. World Bank Group-member IFC acted as lead arranger and syndicated part of the loan to the other two entities. Mafraq I will supply power at 6.9 US cents/kWh when it enters operation in Q2 of 2018.

Formerly known as MENASOL, download the **MENA New Energy 2018 brochure** (Dubai 24–25 April) [here](#)

Bid, Win and Develop Cash Rich Projects in MENA

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

7



JORDAN: Mafraq II – Round 2 of PV Proposals

FRV achieved financial close for its \$98.4-million Mafraq II solar plant in March 2017, raising a senior loan of up to \$35.5 million from EBRD along with a loan from AFD's Proparco. The 50 MW project will supply power at 7.6 US cents/kWh when it enters operation in Q2 of 2018.

8



EGYPT: Infinity 50 Solar Park – Round 1 of FIT program

Infinity 50 Solar Park achieved financial close in March 2017, securing loans from Bayerische Landesbank for 85% of the debt and Arab African International Bank for the remaining 15%. The loan is covered by the German government through Euler Hermes ECG. The 64.1 MW PV project is being jointly developed by Egypt's Infinity Solar and Germany's ib vogt GmbH and Solizer GmbH, with completion scheduled for Q4 of 2017.

9



UAE: Phase 3 - Mohammed bin Rashid Solar Park

Phase 3 of Dubai's Mohammed bin Rashid Al Maktoum Solar Park achieved financial close in June 2017, becoming the largest renewable energy project in the Middle East to receive Sharia-compliant financing. The 800 MW PV complex, which is being developed by a Masdar-led consortium and EDF Group, was awarded in 2016 at a price of 2.99 US cents/kWh.

Seven lenders are providing an undisclosed sum for the project: Union National Bank (UAE), Islamic Development Bank (Saudi Arabia), Arab Petroleum Investments Corporation (Saudi Arabia); Natixis (France), Siemens Financial Services (Germany), Korea Development Bank; and Export Development Canada. The project will be constructed in three stages: 200 MW is expected to be complete by April 2018; 300 MW by April 2019; and 300 MW by April 2020.

Formerly known as MENASOL, download the **MENA New Energy 2018 brochure** (Dubai 24–25 April) [here](#)

Bid, Win and Develop Cash Rich Projects in MENA

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

10





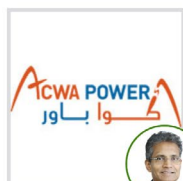




**UAE:
Sweihan PV Plant**

Abu Dhabi Electricity and Water Authority (ADWEA) closed a \$872 million financing package for the 1.17 GW Sweihan PV project in May 2017 (\$650 million of debt and \$222 million of equity). The 25-year loan is structured in a way that will allow refinancing after five years.

Bank of Tokyo Mitsubishi was the lead arranger of the loan along with three other Japanese banks – Sumitomo Mitsui Banking Corporation, Mitsubishi UFJ Trust and Norinchukin Bank. French Banks BNP Paribas Credit Agricole and Natixis, and First Abu Dhabi Bank were also part of the deal. The equity will be contributed by ADWEA and project developers Marubeni and JinkoSolar. The project will supply power at 2.42 US cents/kWh when it starts operating in April 2019.

If you liked this article – then you should put MENA New Energy 2018 in your calendar.

Here is a snapshot of who has confirmed

  <p>Turki Alshehri Head of the Renewable Energy Projects Development Office Ministry of Energy, Industry, and Mineral Resources - Saudi Arabia</p>	  <p>Amani Al Azzam Secretary General Ministry of Energy and Mineral Resources, Jordan</p>	  <p>Paddy Padmanathan President & CEO ACWA Power</p>	  <p>Michael Geyer Vice President Business Development Abengoa</p>	  <p>Laurent Becerra Vice President Middle East & Africa EDF</p>
  <p>Christopher M. Cantelmi Principle IFC</p>	  <p>Nabih Cherradi CTO Desert Technologies</p>	  <p>Daisuke Fukuoka IPP Business Development Marubeni</p>	  <p>Paul McCusker Vice President Energy Storage AES</p>	  <p>Andrea Lovato Executive Director & Head of Renewable Development ACWA Power</p>

Formerly known as MENASOL, download the **MENA New Energy 2018 (Dubai 24–25 April) brochure here**



Bid, Win and Develop Cash Rich Projects in MENA



MENA's Greatest Renewable Projects in Operation

in conjunction with

MENASOL presents

MENA NEW ENERGY 2018

A CSP, PV, WIND & ENERGY STORAGE CONFERENCE & EXHIBITION

24th – 25th April 2018 • Hyatt Regency, Dubai

The list will provide insight on the biggest renewables project up for tender in the Middle East and North Africa region.

As a disclaimer, we are not able to list every tender in the region. However, this will hopefully provide you with a snapshot of the amount of activity due to happen in 2018.

We will be updating the list soon – if there is a tender you think we should include, then let me know via paul@newenergyupdate.com

Formerly known as MENASOL, download the **MENA New Energy 2018 (Dubai 24–25 April) brochure here** 

Bid, Win and Develop Cash Rich Projects in MENA



1



MOROCCO: Tarfaya Wind Farm

Capacity: 301 MW

Developer: Tarfaya Energy Company (50:50 JV of ENGIE + Nareva Holding)

Total cost: €450 million

Offtaker: ONEE

PPA: 20 years

Operation: Dec 2014

- Constructed in two years
- Africa's largest operational wind power project
- Comprises 131 turbines, 2.3 MW each
- Siemens wind turbines were specifically adapted to withstand the corrosive conditions of the salty ocean winds, desert sandstorms and hot weather in Morocco's southwest coast.
- The turbines are equipped with a cooling system to improve performance in dry and dusty sites. This special protection results in less turbine downtime and higher energy production.
- Funded at 80% (€36m) through borrowings from three Moroccan banks, with the remainder from equity shared equally between ENGIE and Nareva.

2



JORDAN: Shams Ma'an

Capacity: 52.5 MW

Developers: Diamond Generating Europe; Nebras Power; Kawar Group

EPC: First Solar

Total cost: \$150 million

PPA: 20 years (14.8 US cents/kWh)

Operation: Oct 2016

- Accounts for 1% of Jordan's total power generation capacity
- Comprises 600,000+ First Solar thin-film modules, mounted on single-axis trackers
- Produces 160 million kWh/year, enough to power 35,000 homes
- Financed by Mizuho Bank; Japan Bank for International Cooperation; NEXI; Standard Chartered

Formerly known as MENASOL, download the
MENA New Energy 2018 brochure
(Dubai 24–25 April) [here](#)

**Bid, Win and Develop Cash
Rich Projects in MENA**

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

3



EGYPT: Siwa Solar Plant

Capacity: 10 MW

Developer: Masdar

EPC: Enviromena Power Systems

Operator: Egyptian Electricity Holding Company

Project cost: \$25 million

Operation: March 2015

- Largest operational PV plant in Egypt as of October 2017
- Accounts for 30% of Siwa City's grid capacity
- Produces 17,500 MWh/year, enough to power 6,000 homes
- Comprises 74,640 micromorph thin-film panels
- Financed through a grant from the UAE government
- Saves 5 million litres of diesel fuel a year

4



KUWAIT: Sidra 500

Capacity: 10 MW

Developer/Owner: Kuwait Oil Company (KOC)

Offtaker: KOC and Ministry of Electricity & Water

Project cost: \$27 million

Operation: Oct 2016

- First solar plant in the world to power oil pumps
- 10 MW peak, 5 MW minimum during summer months from 10AM – 2PM
- Half of the electricity supplies the national grid; other half supplies KOC's Umm Gudair oilfield
- 32,450 crystalline-silicon panels over 36 hectares, mounted on single-axis trackers
- Saving KOC 650,000 oil barrels over 20 years
- KOC aims to produce 20% of its electricity needs from alternative energy sources by 2020

Formerly known as MENASOL, download the
MENA New Energy 2018 brochure
(Dubai 24–25 April) [here](#)

**Bid, Win and Develop Cash
Rich Projects in MENA**

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

5



UAE: Shams Dubai Distributed Power Initiative

Launched: March 2015

Initiated by: Dubai Electricity & Water Authority (DEWA)

- Incentivises consumers to install rooftop/ground-mounted PV panels and export the surplus solar power to DEWA's grid for net metering credits
- As of October 2017, 453 PV systems are connected to DEWA's network as part of the program, totalling 18.7 MW in capacity.
- As of August 2017, 63 companies are enrolled with DEWA for Shams Dubai, including 54 contractors and nine consultants, as well as 85 manufacturers.
- DEWA is installing solar panels on 640 villas in Hatta region by February 2018
- DEWA plans to install 902 solar carports totalling 2 MW in capacity under the scheme
- The biggest Shams Dubai project will see 88,000 rooftop panels installed on DP World's facilities

6



MOROCCO: Noor 1 CSP IPP

Capacity: 160 MW

Developers: ACWA Power; Aries; TSK

EPC: TSK; Acciona; Sener

Offtaker: MASEN; ONEE

Project cost: \$841 million

PPA: 25 years (1.62 Moroccan dirhams/kWh)

Operation: Feb 2016

- Constructed in 2.5 years
- Represents the first phase of the 500 MW Noor CSP Complex
- Uses parabolic trough technology, with 3 hours of molten-salt thermal energy storage
- Comprises 537,600 Flabeg mirrors

Formerly known as MENASOL, download the
MENA New Energy 2018 brochure
(Dubai 24–25 April) [here](#)

**Bid, Win and Develop Cash
Rich Projects in MENA**

Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

7



UAE: Shuaa Energy 1 IPP

Capacity: 200 MW

Developers: ACWA Power

EPC: TSK

Offtaker: DEWA

Project cost: \$326 million

PPA: 25 years (5.84 US cents/kWh)

Operation: March 2017

- Came online one month ahead of schedule
- Represents the second phase of the 1GW Mohammed bin Rashid Al Maktoum Solar Park
- Comprises 2.36 million fixed-tilt First Solar thin-film modules, spread over 450 hectares
- DEWA holds a 51% stake in the project; ACWA & TSK hold 49%
- Competitive LCOE resulted in DEWA awarding double the original capacity
- \$278m senior financing raised from banks who were all first-timers to solar technology (First Gulf Bank, National Commercial Bank, and SAMBA Financial Group); financial close in Q3 2015
- 84:16 – Project-finance-Debt: Equity
- At 27 years, it is among the longest notional tenors for PV projects worldwide

Formerly known as MENASOL, download the
MENA New Energy 2018 brochure
(Dubai 24–25 April) [here](#)

**Bid, Win and Develop Cash
Rich Projects in MENA**


Some of the confirmed speakers include:

ABENGOA

ACWA POWER

MESIA

If you liked this article – then you should put MENA New Energy 2018 in your calendar. Here is a snapshot of who has confirmed

  <p>Turki Alshehri Head of the Renewable Energy Projects Development Office Ministry of Energy, Industry, and Mineral Resources - Saudi Arabia</p>	  <p>Amani Al Azzam Secretary General Ministry of Energy and Mineral Resources, Jordan</p>	  <p>Paddy Padmanathan President & CEO ACWA Power</p>	  <p>Michael Geyer Vice President Business Development Abengoa</p>	  <p>Laurent Becerra Vice President Middle East & Africa EDF</p>
  <p>Christopher M. Cantelmi Principle IFC</p>	  <p>Nabih Cherradi CTO Desert Technologies</p>	  <p>Daisuke Fukuoka IPP Business Development Marubeni</p>	  <p>Paul McCusker Vice President Energy Storage AES</p>	  <p>Andrea Lovato Executive Director & Head of Renewable Development ACWA Power</p>

Formerly known as MENASOL, download the **MENA New Energy 2018 (Dubai 24–25 April) brochure here**



Bid, Win and Develop Cash Rich Projects in MENA

