

# The Great Green Wave From China:

China Invests In MENA Renewable Energy Market

## CHINA: Green Energy Giant

Accounts for **50%** of global solar production

**\$1.1 Trillion** energy efficiency market

**60%** of global solar cell production

**\$44 Billion** in renewable energy projects last year alone

MENA power financing needs **\$260 Billion**

Turkey power financing needs **\$161 Billion**



| Turkey   | Saudi Arabia   | UAE  | Egypt  | Oman  |
|--|--|--|--|---|
| China's CSUN operates solar cells and modules facility in Istanbul             | <b>\$65-billion</b> MoUs include joint renewable energy projects                             | China's Silk Road Fund buys <b>24%</b> stake in <b>700MW</b> Dubai project                   | Loan from China's GCL Group to build <b>\$2 billion</b> solar panel facility           | Ningxia Zhongke Jiaye New Energy and Technology Co building <b>\$94M, 1,000 MW</b> solar plant in Duqm SEZD |
| China's HT-SAAE operates PV factory in Turkey                                  | ACWA Power MoU with Energy China for JVs on power generation and water desalination projects | Shanghai Electric venture with DEWA & ACWA Power to build <b>700 MW</b> CSP project in Dubai | Industrial and Commercial Bank of China's <b>\$97.6M</b> loan for 6 power plants       | OPWP plans to procure <b>2,650 MW</b> of renewable energy   |
| China-led AIIB <b>\$200M</b> loan for renewable energy and efficiency projects | ACWA Power MoU with Energy China for JVs on power generation and water desalination projects | China's JinkoSolar Holding consortium building <b>1.2GW</b> in Abu Dhabi for <b>\$870M</b>   | China's State Grid building second phase of power transmission for <b>\$1 billion.</b> | 7 solar, wind and waste-to-energy projects planned  |
| China's HT Solar Energy considering <b>\$1 billion</b> in Turkey               | ACWA Power MoU with Energy China for JVs on power generation and water desalination projects | China's JinkoSolar Holding consortium building <b>1.2GW</b> in Abu Dhabi for <b>\$870M</b>   | China's State Grid building second phase of power transmission for <b>\$1 billion.</b> | 7 solar, wind and waste-to-energy projects planned  |
| <b>30%</b> Target of renewable energy by <b>2023</b>                           | <b>10%</b> Target of renewable energy by <b>2023</b>   | <b>44%</b> Target of renewable energy by <b>2050</b>   | <b>22%</b> Target of renewable energy by <b>2022</b>                                   | <b>30%</b> Target of renewable energy by <b>2023</b>  |

Source: Company press releases, Asian Infrastructure Investment Bank, Industrial & Commercial Bank of China, Duqm SEZD, ACWA Power, Oman Power and Water Procurement Co., Turkey Investment Office, Silk Road Fund, and Institute for Energy Economics & Financial Analysis.



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