

## Armenia commercial solar

2.0MW (2.2MW DC) ArSun PV project, the largest commercial solar power station in Armenia, set to reportedly provide electricity supply in Hrazdan community were inaugurated by the EPC Shtigen (KSTAR's Exclusive partner in the country) on November 13th, 2019.

Shtigen, the exclusive partner of Phono Solar and KSTAR in Armenia, is a professional PV solutions provider, who is committed to energy saving for business of all sizes and the increase of competitiveness and profitability using the sun.

For the 2.0MW (AC) ArSun plant Shtigen chose 32 KSTAR KSG 60KW and 2 KSG 30KW solar inverters. Power from the system is converted using the advanced technology of KSTAR smart PV commercial solution that includes AC output overloading up to 110%, SVG function with fast response to the reactive power control, low investment, as well as low consumption and high yields.

The ribbon cutting ceremony and connection to the grid was held by the two owners of the station - Mr. Hayk Shekryan and Mr. Karen Ghazaryan, whose friendship started when they were yet students. "We are going to build more utility-scale PV stations aiming to increase the solar energy share in Armenia, improve energetic independence and take care about the environment", &#8211; Karen Ghazaryan told.

Michael K. Lee, VP of Phono Solar Global BD Division who arrived in Armenia to participate in the opening ceremony, mentioned that he is proud of the job done. "We are pleased to extend our footprints in growing markets like East Europe, Latin America and so on, bringing more quality and reliable solar products for local customers. It is even a bigger honor for us to contribute to the advancement of "One Belt and One Road" initiative and bring more green energy for the earth.", &#8211; he added.

Choosing Armenia as an important new energy market is one of KSTAR's overseas developing strategies. "When we look at the environmental factors like much sun light in Armenia, KSTAR and Shtigen have a responsibility to work together. Our customers hope we do what is right for a better life. The solar power plants are significant for us to move on, increasing renewable energy supply. We are working hard to keep this going and powering a green future." Said the sales director Mr. Ye from KSTAR.

After the official opening ceremony the co-founders invited the guests to have a walk in the territory of the PV station and to take a closer look at the latest technologies by KSTAR, Phono Solar and TransEnergo used.

On the next day Shtigen together with Phono Solar held a business conference with businessmen, banks' representatives and partners. Several participants found new business partners during the conference and asked Shtigen to organize such events periodically.





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Shtigen Energy Systems is an EPC company founded in 2011 which holds the 40% of solar market and >60% of the EPC market in Armenia. Shtigen is the exclusive representative of Phono Solar and KSTAR in Armenia and other countries. The company is Armenia's No1 solar taxpayer. Shtigen is going to launch several 5MW PV plants next year.

As a BNEF Tier 1 PV module manufacturer and a DNV-GL Top Performer, Phono Solar is one of the most technologically advanced manufacturers who offers quality PV modules based on the latest technologies (MWT, Bifacial, Twin-plus, PERC) with up to 30 years of guaranteed performance.

KSTAR is one of the world leaders in power electronics field. The company provides wide range of highest quality PV inverters, from 1KW home models to 6.8MW giants. KSTAR's inverters are famous for their high efficiency, multi-level protection and reliability.

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