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Source: Spire Corporation

## Spire Wins Contract for Tianwei Factory Expansion in the People's Republic of China

Wednesday August 6, 8:30 am ET

### Multiple Solar Cell Assembly and Module Testing Machines to be Provided for Production Ramp Up

BEDFORD, Mass.--(BUSINESS WIRE)--[Spire Corporation](#) (Nasdaq: [SPIR](#) - [News](#)), a global solar company providing turnkey solar factories and capital equipment to manufacture photovoltaic (PV) modules worldwide, today announced that it has received a contract from ChengDu Tianwei New Energy PV Module Co. Ltd. (Tianwei) to provide multiple systems for stringing and tabbing solar cells and performing the critical end of line test and certification.

Spire will provide Tianwei with multiple Spi-Assembler™ 6000 systems to fully automate the soldering of individual solar cells into strings ready for busing. The assembler is the heart of the production line and a critical step to automating production. In addition, multiple Spi-Sun Simulator™ systems were ordered. Simulation is required to verify the performance of the modules. The Spi-Sun Simulator™ is chosen by many of the leading certification and testing organizations including Underwriters Laboratories.

"We are extremely pleased to be working closely with Tianwei on this critical step in their expansion. They recognize the need to automate key manufacturing steps to increase their production. Spire has more than eighty assemblers in the field or under contract. Using today's high efficiency cells, this represents nearly a gigawatt of production capacity; our system is a workhorse in the industry," said, Roger G. Little, Chairman and CEO of Spire Corporation. "The Chinese market is growing rapidly and represents a great future. Spire is very active in China in both the expansion and turnkey factory segments."

Mr. Guo Ai Hua, General Manager of Tianwei New Energy, says, "We are very active in the photovoltaics industry and recognize the importance of automating key aspects of the production of modules. After evaluating the many options, from Chinese to European and American manufacturers, Spire was the clear choice. Their equipment is state-of-the-art and offers the kind of reliability we need to continue our growth and success."

#### About Tianwei New Energy PV Module Co. Ltd.

The Tianwei Group was established in 1958 as a manufacturer and is located in the Hebei Province of the People's Republic of China. The company has two core businesses: electricity transmission equipment and new energy products. Already the leading producer of power transformers, Tianwei has formed the New Energy Group that will span all market segments in solar from polysilicon production, ingot and wafer, cell and module.

#### About Spire Corporation

[Spire Corporation](#) is a global solar company providing turnkey production lines and capital equipment to manufacture photovoltaic cells and modules worldwide. [Spire Semiconductor](#) provides processing technology for Spire's solar cell manufacturing lines and offers custom gallium arsenide cells for solar concentrator systems. For corporate or product information, contact Spire Corporation, "The Turnkey Solar Factory Company," at 781-275-6000, or visit [www.spirecorp.com](http://www.spirecorp.com).

*Certain matters described in this news release may be forward-looking statements subject to risks and uncertainties that could cause actual results to differ materially from those indicated in the forward-looking statements. Such risks and uncertainties include, but are not limited to, the risk of dependence on market growth, competition and dependence on government agencies and other third parties for funding contract research and services, as well as other factors described in the Company's Form 10-K and other periodic reports filed with*