July 30, 2008

Spire Enters Multi-Year Contract with Trina Solar

BEDFORD, MA – July 30, 2008 – Spire Corporation (Nasdaq: SPIR), a global solar company providing turnkey solar factories and capital equipment to manufacture photovoltaic (PV) modules worldwide, today announced that it has entered into a multi-year, multi-system contract to provide key module line equipment to Trina Solar Limited (Trina Solar) of the People's Republic of China.

Spire will provide Trina Solar with multiple Spi-Sun Simulator™ 4600 Single Long Pulse (4600 SLP) systems. The 4600 SLP is the world’s leading solar simulation system. It is unique for research, testing, and high volume production. The 4600 SLP has recently been selected for use at research and certification test facilities, such as the National Renewable Energy Laboratory and Underwriters Laboratories, Inc.

"We are proud of our simulation systems. They are the standard of the industry. We have invested heavily into the spectral quality and uniformity of the Spi-Sun Simulator. Spire has a long history of research and development built into production ready systems," said, Roger G. Little, Chairman and CEO of Spire Corporation. "Spire's business in China continues to grow rapidly. Trina is a leader not only in China but in the world market and we are very excited to work with them on expanding their manufacturing."

Jifan Gao, Chairman and CEO of Trina Solar, said, "From our years of experience in the PV module industry, we recognize the importance of having advanced equipment in our line to produce high quality PV modules to compete globally. We have developed a beneficial relationship with Spire and are pleased to continue using their high quality products to help us achieve our goals."

About Trina Solar Limited
Trina Solar Limited (NYSE: TSL), through its wholly-owned subsidiary Changzhou Trina Solar Energy Co. Ltd., is a well recognized manufacturer of high quality modules and has a long history as a solar PV pioneer since it was founded in 1997 as a system installation company. Trina Solar is currently one of the few PV manufacturers that has developed a vertically integrated business model from the production of monocrystalline and multicrystalline ingots, wafers and cells to the assembly of high quality modules. This integrated value chain helps to ensure that high quality products can be delivered to its end customers around the globe, including a number of European countries, such as Germany, Spain and Italy. Trina Solar's solar modules provide reliable and environmentally-friendly electric power for residential, commercial, industrial and other applications worldwide. For further information, please visit Trina Solar's website at

http://www.renewableenergyworld.com/rea/partner/story?cid=2558&id=53202 (1 of 2) [7/31/2008 10:03:56 AM]
Spire Enters Multi-Year Contract with Trina Solar


About Spire Corporation
Spire Corporation is a global solar company providing turnkey production lines and capital equipment to manufacture photovoltaic modules worldwide. Spire Semiconductor develops and manufactures custom gallium arsenide solar cells and other related products. For corporate or product information, contact Spire Corporation, "The Turnkey Solar Factory Company," at 781 275 6000, or visit www.spirecorp.com.

Contacts
Spire Corporation
Roger G. Little, Chairman & CEO
781-275-6000

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 the Securities and Exchange Commission.

# # #

For Further Information

- Spire Solar

The information on this page was created and posted by the company identified above. RenewableEnergyWorld.com does not endorse, edit, or substantiate this information and assumes no obligation for this content's accuracy.

Content Copyright 2008 - Spire Corporation
Spire Corporation is a RenewableEnergyWorld.com Marketing Partner