SIOUX FALLS, S.D. - Chinese solar power company Trina Solar Ltd. said Monday that a subsidiary has signed an agreement to buy more polysilicon for solar modules.

Trina said its subsidiary Changzhou Trina Solar (nyse: TSL - news - people ) Energy Co. Ltd. signed a supplemental agreement to a long-term polysilicon supply agreement with a subsidiary of GCL Silicon Technology Holdings Inc.

Rapid growth in the solar industry is prompting companies to scramble to lock in long-term supplies of polysilicon, a component of solar panels that acts as a conductor of electricity.

Combined with the original supply agreement, announced in April, GCL will supply Trina with virgin polysilicon and wafers that can produce about 4,825 megawatts of solar modules over eight years. The polysilicon delivery at predetermined prices started in April.

Trina shares rose $1.68, or 5 percent, to $34.83 in morning trading.

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