



empower with light™

**Emcore's Solar Power Division
CPV Systems for Utility Scale Solar Power**

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EMCORE Solar Power Division

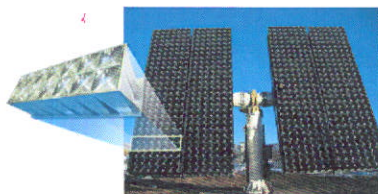


- Developing and Commercializing Utility-scale Terrestrial Power Systems
- Leverage Heritage Of Space Products And Large-scale Capital Equipment Development (MOCVD Systems)
- Vertical Integration With Multi-junction Solar Cell Manufacturing
- Rapid Design Evolution From a Four-cell Prototype System In 2004 To a 25kW Array In 2007



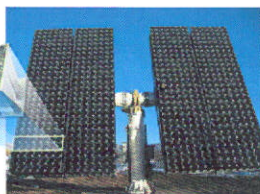
Four cell prototype

2004



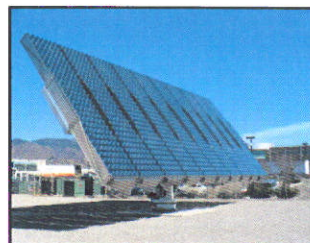
ESP Formed

May 2006



Gen 1: 10kW

December 2006



Gen 2: 25kW

November 2007