

Day4 Energy Inc.

*Realizing the full potential of Solar Photovoltaics
TODAY*

Day4 Energy Inc.

Introduction

Day4 designs & builds PV power generation products based on patented technology:

“The Day4™ Electrode”

TODAY:

The Day4™ Electrode is a New Module Assembly Process

Technology is Ready for Market

Superior Product Performance

Commercial Product Launch in Q2 2006

2006 Revenues \$10.0 - \$15.0 million CDN

2006 Product Volumes 2-3 MW_p

TOMORROW:

Higher Efficiency PV Cells & Receivers

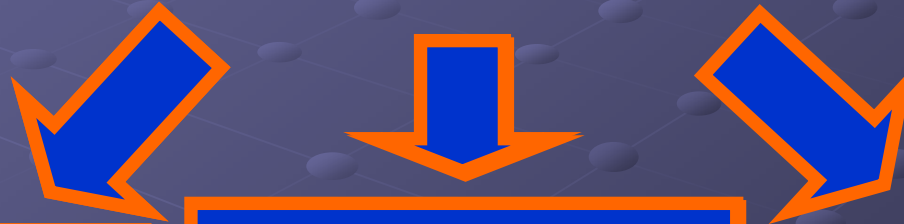
Lower PV Cell & Receiver Manufacturing Costs

New Applications & New Markets

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Day4™ Sun Concentrator Receivers Enable *Cost-Competitive Solar Energy*

Day4's Concentrator Design is Enabled by the Unique Properties of the Day4 Electrode and is very different from other technology available today



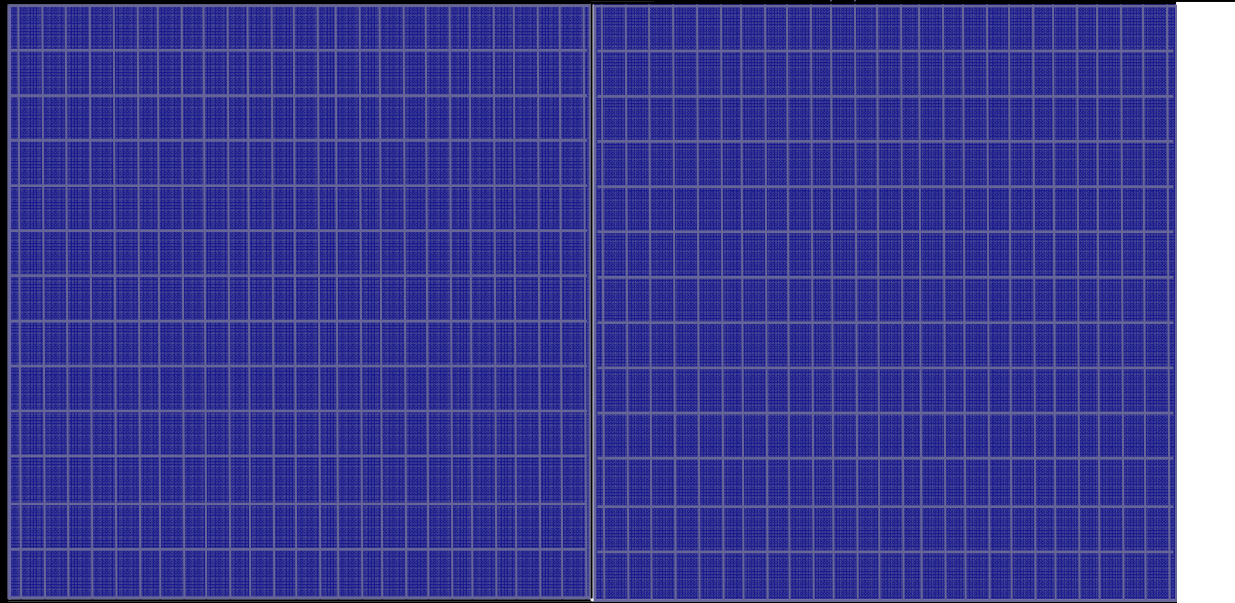
**DAY4
CONCENTRATOR
USES INDUSTRIAL
CELLS AND DOES
NOT REQUIRE MORE
THAN 10-SUNS OF
CONCENTRATION**

**LOW
CONCENTRATION
ENABLES LOW
COST 1-AXIS
TRACKING**

**TOTAL COST OF THE
SYSTEM CAN BE
REDUCED TO THE
POINT WHERE IT IS
COMPETITIVE WITH
FOSSIL FUELS IN
MOST CLIMATES**

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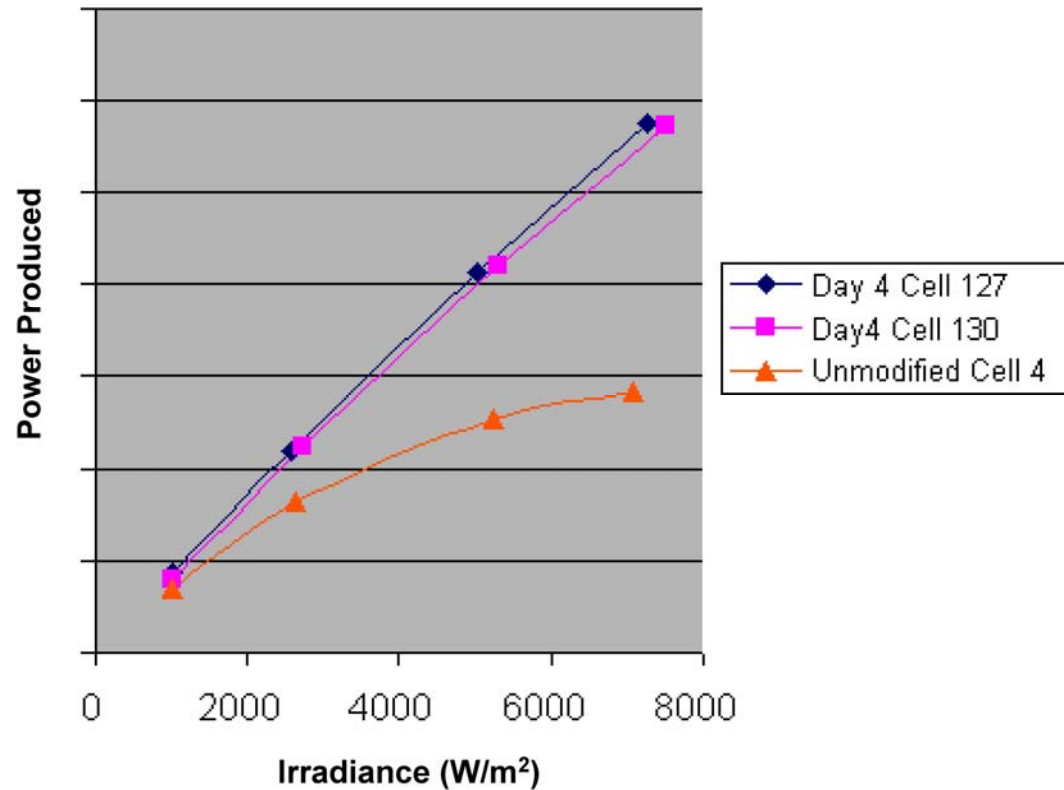
Day4™ Electrode - Technology Overview



The Day4™ Electrode combines the functionality of the PV cell contacting and interconnection mechanism

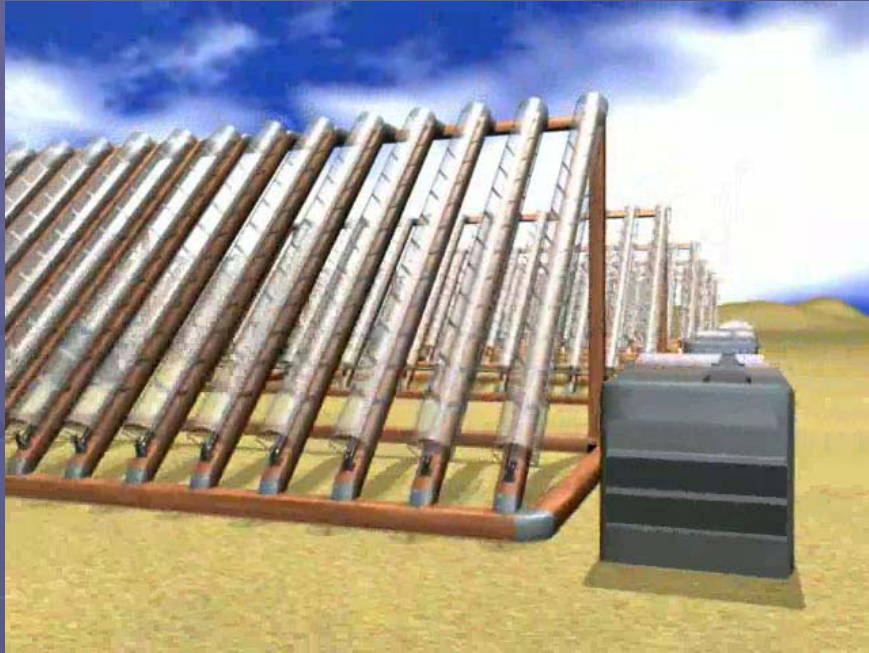
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Day4 Electrode Technology Overview *Parasitic Losses Impact*



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Sun Concentrator

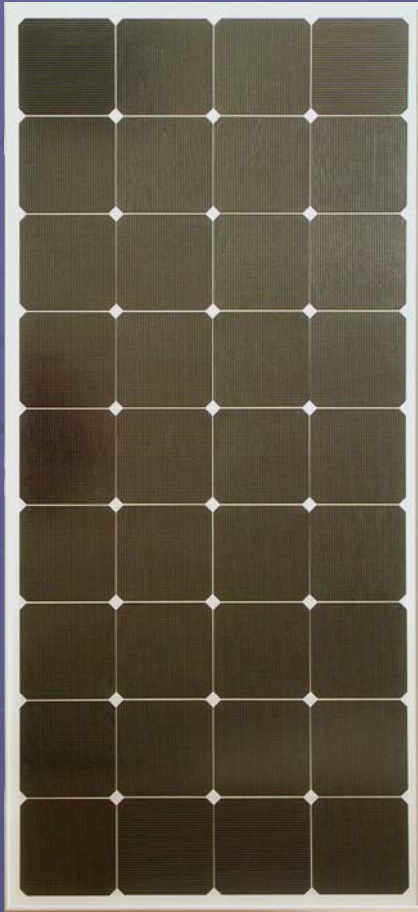


System Costs $\$/W_p$		
	Flat Panel	Day4 Concentrator
PV Receiver *	\$460 / m ²	\$80 / m ²
Optics*	NA	\$30 / m ²
Tracker & Frame*	NA	\$100 / m ²
Expected Power	140 W	140 W
Total Cost Per W_p	\$3.30	\$1.50
Typical Price $/W_p$	\$4.00	\$2.00

* - Costs are rounded to the nearest dollar and expressed in USD per m² of system aperture

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One-Sun Receiver (Flat Panel)



TODAY:

DAY4 PANELS PRODUCE UPTO
10% MORE POWER THAN
OTHERWISE POSSIBLE FROM THE
SAME CELLS

“UNBREAKABLE CELLS” ENABLE
HIGHER PRODUCTION YIELDS

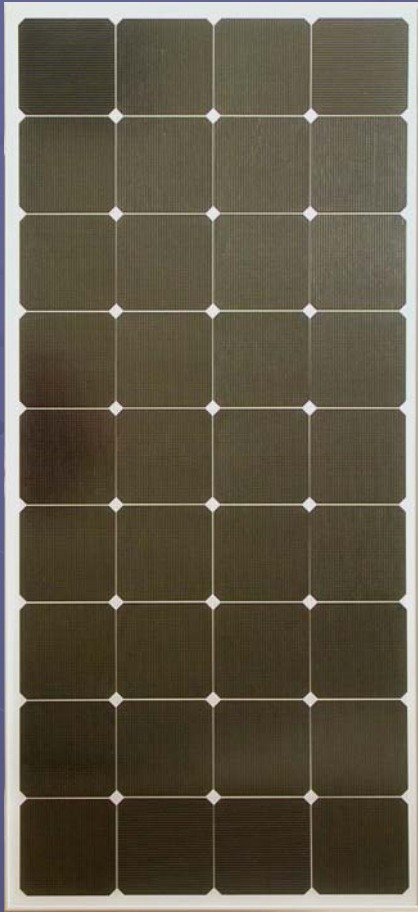
“THE BEST LOOKING PANEL WE
HAVE EVER SEEN”

NET RESULT:
A PREMIUM PRODUCT



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One-Sun Receivers



TOMORROW:

- FURTHER INCREASE IN POWER
 - NEW CELL CONCEPTS

- FURTHER COST REDUCTION THROUGH THINNER & LARGER CELLS

- THE BIPV MARKET: PARTIALLY TRANSPARENT AND FLEXIBLE MODULES, FLEXIBILITY OF PV SURFACE SHAPE

NET RESULT:

CONTINUED GROWTH & IMPROVEMENT DUE TO THE ENABLING PROPERTIES OF THE ELECTRODE TECHNOLOGY





March, 2006
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