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PowerLight Acquisition November, 2006

This presentation contains forward looking statements as defined in the Private Securities Litigation Reform Act of 1995. This press release contains forward looking statements as defined in the Private Securities Litigation Reform Act of 1995. We use words such as believes,

plans

and expects

and similar expressions to identify forward-looking statements. Forward-looking

statements in this presentation include, but are not limited to, statements related to the benefits of the proposed transaction between SunPower and PowerLight, the completion of the transaction, our plans and expectations for financial performance, the accretive nature of the transaction and our ability to meet our long term financial model and margin projections, and the development and future cost structure of the solar power industry. These forward-looking statements involve a number of risk and uncertainties that could cause actual results to differ materially from those anticipated by these forward-looking statements including

difficulties

encountered

integrating

the

merged

businesses;

the

risk

that

the

transaction

does

not

close,

including

the

risk

that

requisite

stockholder

and

regulatory

approvals

may

not

be

obtained; the possibility that expected synergies and cost

savings will not be obtained; the uncertainty of business and economic conditions and growth trends in the solar power industr

our

ability

to

obtain

adequate

supply

of

polysilicon

and

silicon

ingots

manufacture

our

products and the price we pay

for such

material, our ability to ramp new production lines, our ability to realize expected manufacturing efficiencies, the possibility of production difficulties, the risk of continuation of supply of products and components from suppliers to PowerLight, including competitors of SunPower, and the continuation of existing large-scale PowerLight customer projects, and other risk factors are contained in documents that the company files with the SEC, including the Form 10-K for fiscal 2005 and its recent 10-Qs, as as filings we make with regard to this transaction. SunPower is under no obligation to, and expressly disclaims any responsibil to update or alter, its forward-looking statements, whether as a result of new information, future events or otherwise.

Note that the financial information includes and identifies as such, non-GAAP financial information. Management will provid reconciliation to GAAP for this financial information.

Safe Harbor Statement

SunPower plans to file with the SEC a Registration Statement on Form S-4 in connection with the transaction.

The Registration Statement will contain important information about SunPower, PowerLight, the transaction and related matters. Investors and security holders are urged to read the Registration Statement carefully when they are available.

Investors and security holders will be able to obtain free copies of the

Registration Statement and other documents filed with the SEC by SunPower

through the web site maintained by the SEC at www.sec.gov. In addition, investors and security holders will be able to obtain free copies of the Registration Statement from SunPower by contacting Investor Relations at 408-240-5588 or http://investors.sunpowercorp.com/sec.cfm. Important Registration Information

PowerLight Agreement Summary

\$265 MM upfront consideration

\$67.5 MM retention carve-out vesting over 2-4 years

Tax-free merger; 40% cash and 60% stock

Definitive agreement signed November 15, 2006

Closing Q1 07 subject to customary closing conditions

PowerLight Acquisition Benefits

Investor Value

Accelerate revenue and EPS growth

EPS accretive (Non-GAAP)

Maintain long-term financial model objectives: 30/10/20

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Strategic Objectives

Extend leadership in key applications and markets

Apply technology leadership across the value chain

Accelerate product innovation to drive channel efficiency

Radically simplify & improve customer experience

SunPower / PowerLight Goals

Market Leadership

Commercial & residential in target markets

US production homes

Top solar brand

Technology Leadership

Highest efficiency solar cells and panels

Lowest cost / kWh system solutions

Compete with retail electric rates

Reduce installed system cost 50% by 2012

Residential Retrofit
New Production Homes
Commercial & Public
Power Plants
SunPower and PowerLight Applications

Wafer Solar Cell Solar Panel System Ingot

Highest conversion efficiency

Unique, proprietary technology

Manufacturing excellence

Low engineering labor cost locations Polysilicon SunPower Value Chain Focus

PowerLight System Value Chain

Large-scale customer focus

Differentiated, high-value technology

More than 50 U.S. and international patents

Innovative financial solutions tailored to application

Engineering

Proj. Mngt.

Monitor

Service

Finance

Commercial Public Sector Marquee Customer Base Home Builders

Germany New Jersey Broad Geographic Footprint Nevada Hawaii Portugal Serpa

Ground Breaking Q2 06 California Spain Korea November 2006

#1 US solar roofing product

Light-weight, no roof penetrations

Rapid installation, low labor cost

Insulation and protection value

Leverages high-efficiency panels PowerLight Technology Leadership: PowerGuard®

PowerLight Software Tools

Web-based solar system performance monitoring

Includes real-time home

power consumption data

Automated design software facilitates system layout

Reduces system design and costing effort

Web-based solar system performance simulation

Validated with 100s of systems over 20 years System Design Tools PVGrid Home Services Network

SunPower Technology Leadership SunPower 215 Watt Panel Conventional 165 Watt Panel Superior Performance Superior Aesthetics solar

PowerLight s
Bavaria Solarpark
6.3 MW:
Conventional
8.3 MW:
SunPower

Synergy Example: PowerTilt

Patented next-gen commercial roofing system

Product design incorporates mounting functionality

Factory assembled by SunPower

Integrated design reduces site labor

Lowest cost / kWh system solution TM

Synergy Example: SunTile®

Attractive aesthetics

Maximum power

Space efficient

Easy-install design PowerLight SunTile® Roof Integrated System

2007\*
Revenue
> \$600 MM
EPS (Non-GAAP)
Immediately accretive
Acquisition Financials
Post

Acquisition

Post

Acquisition

Short

Term Impact

Accelerates revenue and earnings growth

Gross margin deviates by 250

350 bps from model during 2007

Long

Term Goals

\$1 billion run-rate revenue (2008)

Achieve 30 / 10 / 20 financial model by late 2008

\*Assumes consolidation in the beginning of Q1 07.

Appendix Slides

PowerLight Profile

Over 100 MW deployed or in deployment

Global presence: US, Germany, Southern Europe, Korea

Strong market position for U.S. commercial systems

Strong market position for US solar production new homes

Early market leader in solar power plants

Complementary team and scope, low integration risk

Executive leaders: 50 + years of solar expertise

System Design Leadership Opportunities

Components: Supply chain:

Monitoring:

Features:

Assembly:

Mark-ups:

Five

Efficient

Performance + load

Integrated and efficient

Factory

30% gross margin model

Today

Today

Tomorrow

Tomorrow

Nine

Complex

Performance

Redundancy

Field & factory

Multiple

Opportunity

Opportunity

Lowest cost tracker

Up to 35% more energy

Single controller drives 250 kW

Leverages high-efficiency cells Extend Technology Leadership : PowerTracker®

Radically Simplify and Improve the Experience

Educate solar customers

Reduce design and order time

Rationalize equipment delivery

| Design to limit installation time |
|-----------------------------------|
| Design to meet needs              |
| Roof life                         |
| Insulation value                  |
| Aesthetics                        |
| Develop and train installers      |
| Integrate performance monitoring  |
| Reward customers                  |

(\$40) (\$20)

\$0

\$20

\$40

\$60

1

Year 2006 - CA Incentives 2016 - No Incentives Goal: No Incentives **CA** Incentives Solar Customer Cash Flow (\$ Thousands)

California Residential Solar Customer Economics

\$0 \$10

\$20

\$30

\$40 \$50

\$60

\$70 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4F Quarterly Revenue (\$ Millions) \$11 \$16 \$22 \$29 \$55 2005 2006 \$70-72 SunPower Revenue Growth

\$42 \$65

Actual

9/30/05

Actual

9/30/05

Sales

(1)

Gross Margin

| Operating Expense                                       |
|---|
| Operating Margin  |
| 19%   |
| 18%   |
| 0.4%  |
| \$22  |
| Actual  |
| 9/30/06   |
| Actual  |
| 9/30/06   |
| 25%   |
| 12%   |
| 13%   |
| \$65  |
| Q4 2006   |
| (Street)  |
| Q4 2006   |
| (Street)  |
| 26%   |
| 11%   |
| 15%   |
| \$71  |
| Long Term   |
| Target  |
| Long Term   |
| Target  |
| 30%   |
| 10%   |
| 20%   |
| Note: Excludes non-cash charges.                        |
| (1) Sales estimates are First Call Consensus estimates. |
| 30%+ CAGR   |
| (\$ Millions)   |
| SunPower  |

Financial Results and Plan

100

At IPO

Today

Q4 2006 2007F

2008F

Installed Capacity

(MW / year)

Line 1

Lines 1-3

Lines 1-4

Lines 8-12

Lines 5-7

Cell Manufacturing Ramp Plan

Wafer Solar Cell Solar Panel System Ingot Polysilicon Upstream Landscape

High concentration of poly and ingot suppliers

Poly prices and margins are attracting new entrants

Approach: partner with new capacity providers

Ingot manufacturing is next supply bottleneck

Approach: JV in ingot manufacturing for 2007 and beyond

Growth Aligned With Silicon Supply Silicon Supply Position (MW)

250 2007F 2008F Jan 1 Capacity Annual Silicon

Conventional Solar Cell 14 -17% Efficiency SunPower s Solar Cell

20 -22% Efficiency P N Light Electrical contacts P P P N N N Electrical contacts Backside mirror Light Solar Cell Technology Comparison Silicon wafer

Silicon wafer