



CORPORATE FACT SHEET

FIRST QUARTER 2012

BUSINESS PROFILE

Advanced Energy (AE) provides industry-leading companies worldwide with power conversion products that enable innovation in thin-film manufacturing and solar energy markets. AE is a leader in global hightechnology applications critical to the semiconductor, solar, glass, flat panel display and industrial coatings markets.

Founded in 1981, our worldwide customers depend on us for highly reliable products and services that maximize operational efficiency and drive competitive advantage. We're unique in our ability to deliver on this expectation across industries because we bring a broad offering portfolio, robust global infrastructure, decades of technology leadership, and a track record of outstanding service to each new business challenge and customer engagement.

AE Thin Films offers market-leading power conversion and control systems that address critical manufacturing applications across diverse high-technology markets including semiconductor, solar, glass, and flat panel display. Our broad RF and DC power portfolio enables our global customers to continue to innovate to address next-generation processing needs while leveraging our global service offerings for maximum uptime and throughput.

AE Solar Energy enables utility-scale, commercial, and string solar power installers to maximize the lifetime value of their power plants by providing innovative, reliable, easy-to-install PV inverter solutions backed by legendary customer service. AE recently acquired PV Powered, an innovation leader for grid-tied PV inverters that have set new industry standards in reliability and efficiency.

Quality and environmental stewardship are core values. AE's commitment to customer satisfaction, product performance, and continuous improvement is embodied by ISO 9001:2008 certification at locations worldwide. Environmental stewardship is integrated into new product design and technology development and managed throughout our business operations.

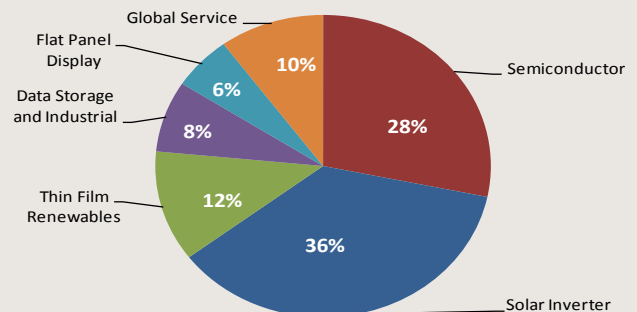
CORPORATE OVERVIEW

Founded: 1981
 Headquarters: Fort Collins, CO USA
 Employees: 1,471 (Dec 31, 2011)
 Q4 2011 Revenue: \$112.5 million
 FY 2011 Revenue: \$516.8 million
 Nasdaq: AEIS
 Phone: +1.800.446.9167
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 Fax: +1.970.407.6550
 Internet: www.advanced-energy.com

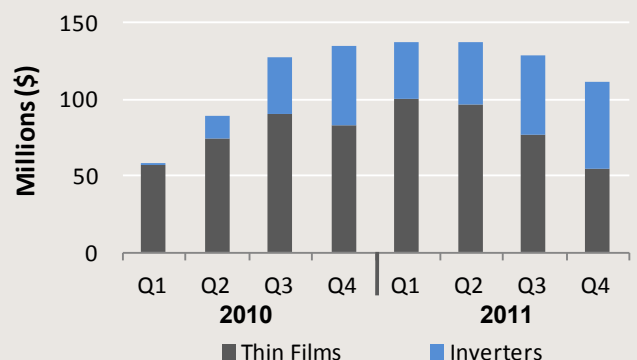
MARKET LEADER IN KEY MARKETS

AE is a consistent market leader with 40% to 45% average market share for power systems across key thin-film manufacturing markets. AE achieved 22% U.S. solar inverter market share for the first nine months of 2010 with its combined Solaron[®] and PV Powered[™] inverter products.

FY 2011 REVENUE BY END MARKET



QUARTERLY REVENUE TREND



THIN FILMS POWER CONVERSION PORTFOLIO

Process Power Systems

Direct Current

Applications: Semiconductors, FPDs, solar cells, advanced thin-film applications and data storage

High Power

Applications: FPDs, solar cells, architectural glass and advanced thin-film applications

Low- and Mid-Frequency

Applications: Semiconductors, solar cells and advanced thin-film applications

Radio Frequency

Applications: Semiconductors, FPDs, solar cells, advanced thin-film applications, advanced product applications, etch and deposition

RF Instrumentation

Applications: Semiconductors, FPDs, solar cells, data storage and advanced thin-film applications



Thermal Instrumentation

Sekidenko Thermal Measurement

Applications: Semiconductors, solar panels and advanced packaging applications

Global Services

Global Coverage, Local Resources

Global Coverage, Local Resources Comprehensive repair and enhancement programs for the complete lifecycle of your products

SOLAR ENERGY GRID-TIED PV INVERTER PORTFOLIO

PV Grid-Tied Inverter Solutions and Service

AE's PV inverter technology includes the award-winning Solaron[®] and PV Powered[™] product lines, providing customers:

- Complete, complementary product suite, 2 kW to 2 MW
- Lower levelized cost of energy (LCOE)
- Whole-site PV operations and maintenance (O&M) service offerings
- Industry-leading efficiency with CEC ratings of 97.5%



PV Powered[™]



Solaron[®]



SiteGuard[®]



A POWERFUL ADVANTAGE[™]

SALES AND CUSTOMER SUPPORT

R&D, Manufacturing, Sales and Support Centers

Fort Collins, Colorado · Ontario, Canada · Vancouver, Washington
Seoul, South Korea · Bend, Oregon · Shenzhen, China

Other Worldwide Sales and Support Offices

San Jose, California · Shanghai, China · Austin, Texas
Tokyo, Japan · Taipei, Taiwan · Filderstadt, Germany · Singapore

ESTABLISHED AND EMERGING END MARKETS

Semiconductor · Grid-tied solar inverters · Industrial coatings

Thin-film renewables (solar and glass) · Data storage

High-brightness LED (HBLED) · Flat panel display and OLED

EXECUTIVE MANAGEMENT

Garry Rogerson CEO

Yuval Wasserman President, Thin Films

Gordon Tredger Executive VP, Solar Energy

Danny Herron Executive VP and CFO

CONTACTS

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