

New Website Launched June 21, 2009

NSTAR Global Services is very proud to announce our brand new website, which launched on June 21, 2009. Please visit it at www.nstargs.com. This new site offers streamlined information for current and potential clients and job seekers, and offers up-to-date [news articles and information on industry](#), as well as the *Semiconductor Insider* and other proprietary [publications](#).

Clients can find in-depth information on all [NSTAR service Solutions](#) including Flexible Workforce Development and Implementation, OEM-Alternative Solutions for fabs, Partner Solutions for OEMs, Project Services, Global Support, Training, Outplacement Services; and [Staffing Solutions](#) such as our Direct-Hire, Temp-to-Perm, and Contract Services.

[Job Seekers](#) can learn more about the opportunities we can offer, the benefits of registering with NSTAR, and browse and apply for all of our open positions!

Questions, comments, and feedback can be submitted through the website or by emailing Kris at kkellermeyer@nstargs.com.

Industry News (click title to view original source.)

[Semiconductor Equipment Industry Bottoms Out](#)

Semiconductor equipment spending bottomed out in the second quarter. A gradual improvement is expected throughout the rest of the year and into 2010. Nevertheless, capital spending for 2009 will drop 44.8% from 2008, but sales are forecast to increase by 20.9% in 2010.

[Semiconductor Sales to drop 21% in '09](#)

Semiconductor sales are expected to drop 21.3%. The Semiconductor Industry Association projects \$195.6 billion in sales for the year, down from \$248.6 billion in 2008. 2010 will bring a slight rebound in semiconductor sales with about 6.5% growth, followed by the same percentage of growth in 2011.



[Results Of Cell Award 2009](#)

The Cell Award event at Intersolar Munich on May 28 highlighted some of the best technologies from the PV manufacturing elite.

[Click here](#) to learn who won the 2009 Cell Award in the 7 categories!

[Semiconductor Fab Spending To Double In 2010](#)

Fab spending is forecasted to rebound strongly in 2010, after declining 51% in 2009 to its lowest level in 10 years. This report also projects capital equipment spending to rocket by as much as 90% in 2010, compared to the low levels expected in 2009.

[Emerging Technologies Go 'Extreme' at SEMICON West](#)

SEMICON West is in San Francisco July 14-16th, 2009. This year, Extreme Electronics is the latest "show-within-a-show" concept, and highlights the technologies for new, growing and emerging technology markets, including MEMS, printed and flexible electronics, solid-state lighting and nanoelectronics.

[Chasing Moore's Law Getting Too Expensive](#)

Moore's Law, which says the number of transistors on an integrated circuit doubles every two years, will soon get too expensive for chipmakers to chase outside of the laboratory. The cost of a semiconductor manufacturing plant doubles with each generation of microprocessor.

Moore's Law has represented the foundation of the semiconductor industry since 1965, when there were 60 devices on a chip. Today, Intel boasts more than 2 billion transistors on a piece of silicon. By 2014, Moore's Law will no longer drive volume semiconductor production.

[E-Book Semiconductor Market to Reach \\$1.1 Billion by 2013](#)

Worldwide e-book (smart book) shipments are expected to grow to 30 million units in 2013. Within a typical e-book, semiconductor and electronic components are spread into the display, assembly, processor, wireless module, DRAM, NAND, battery and enclosure.

The most recognized e-book is currently the Amazon Kindle, which offers more than 88,000 digital titles available for download, with more to be added on a regular basis. Other manufacturers like Sony, iRex Technologies, and Jinke Electronics are expected to join the e-book revolution.

[New 'Electronic Glue' Promises Cheaper Semiconductors](#)

Researchers at the University of Chicago and Lawrence Berkeley National Laboratory have developed an 'electronic glue' that could accelerate advances in semiconductor-based technologies, including solar cells and thermoelectric devices.

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Future Fab
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Employers, what can NSTAR do for you?

[One of the many solutions we offer is Project Services.](#)

Project Services are designed to provide temporary support (long or short-term) for a wide variety of equipment-related projects.

The perfect solution for:

- Equipment decommissions, startups, and tool moves (including rigging and crating)
- End-of-Life Fab support services
- Equipment upgrades and modifications
- Predictive Maintenance Services
- Engineering Services such as Tool Matching, Process Development, Consulting, and Data Analysis
- And much more

[Learn more](#) about our Project Services, and other innovative solutions.

Call Darrell at 877-678-2766 x 130 or [Contact Client Services Now](#)

"N" Quotes

NSTAR is a great employer. They worked with me to meet my desires, needs, and other criteria. They stay in touch with me frequently and are easy to contact if I have a question. Everyone has been wonderful and kind to me. I think that NSTAR has really given me a great opportunity to continue my career, and to make myself a more valuable resource.

-LQ; Massachusetts

I've been working as a Maintenance Technician for NSTAR since March 08. Good experience thus far. Enjoy the company, and the site where I work, as well as the industry I'm in. I would highly recommend NSTAR to a friend who needs a job.

-KT; Texas

Changes... (click title to view original source.)

[NY Excited for Globalfoundries Fab](#)

In July, GlobalFoundries will begin construction of their new micro-chip fabrication facility in Malta, NY. Construction is expected to be completed in 2011.

[NXP Closing, IBM Will Try To Find New Tenant](#)

IBM Corp. is likely to seek a new tenant for the fab which NXP Semiconductors will vacate. Shutdown will begin sometime after July 12. NXP has already let go 575 of the workers. Several dozen will stay to shut down the plant over the rest of the year.

[Hemlock Semi Starts Operation of Polysilicon Plant In Michigan](#)

Hemlock Semiconductor has begun operation of a new 8500-metric-ton polysilicon production facility several months ahead of schedule. The plant, located in Hemlock, MI, is the first phase of a planned \$1 billion expansion at the site.

[First Solar Vulnerable To A Big Selloff](#)

First Solar faces the daunting pressure of acquiring new customers as the quality of existing consumers declines, and as ongoing industry pricing pressures increase. Risk exists for competitor polysilicon prices to fall, undermining FSLR's low-cost production advantage.

[Aviza Technology Succumbs To Bankruptcy Proceedings](#)

Aviza Technology has filed voluntary Chapter 11 bankruptcy. Aviza hopes to continue essential operations, including product support, service and warranty programs, during the Chapter 11 process.

[Molecular Imprints on the Brink of Success](#)

After eight years as a high-tech startup, Molecular Imprints Inc. stands on the brink of overnight success. The 125-employee company, which develops advanced tools for chip manufacturers and others, expects record sales of \$25 million this year, up about 50% from last year, and the promise of more growth in the next several years.

[10 Companies in Trouble](#)

The list of semiconductor industry companies doing well these days is short. Every firm is in trouble, to some degree. But EE Times has assembled a list of 10 companies that seem in particular danger of continuing to spill red ink, being acquired, seeking bankruptcy protection, or just not being around a year from now.



FuN Fact: [Thomas Jefferson](#)

Thomas Jefferson, who wrote the first draft of the Declaration of Independence, hid the document inside his dumbwaiter when he took writing breaks. [More>>](#)

Also, did you know Thomas Jefferson is not only often credited with inventing the dumbwaiter, but was the inventor of many successful products and ideas like the polygraph machine? [Learn more of Jefferson's invention legacy>>](#)

Other News of Nterest (click title to view original source.)

[25 Ways to Sabotage Your Job Search](#)

Granted, we're in tough times and plenty of reasons out of your control can keep you from getting hired. With that in mind, [click here](#) to review 25 ways CareerBuilder says you might unknowingly be sabotaging your job search.

[San Francisco Unveils Solar Bus Shelters](#)

San Francisco unveiled its first solar transit shelter. The new shelter is the first of at least 1,100 that will replace existing shelters around the city.



[100 Best iPhone Apps for Your Mental Health](#)

Of all the apps available for the iPhone, don't overlook the ones which offer a great way to make sure your mind stays sharp and agile. Take a quick look at 100 apps that can feed your brain, offer relaxation, and more.

[Long-Term Unemployment Rate Hits Record](#)

The unemployment rate rose to 9.4% in May. What's even more alarming is the long-term unemployment rate. The government says that 4.5% of the workforce has been out of work for 15 weeks or more. The worst previously seen — since 1948, when the government began tracking these numbers — was 4.2% in December 1982.

Ntertainment:

[LEGO® Artist, Nathan Sawaya](#)

Some artists use paint, others bronze – But for Nathan Sawaya, he chooses to build his awe-inspiring art out of toy building blocks. LEGO® bricks to be exact.

With more than 1.5 million colored bricks in his New York studio, Sawaya's sculptures take many forms. [Take a quick peek at his online gallery](#) to see some amazing LEGO® sculptures.



Featured Jobs:

NSTAR has the ability to offer you opportunities that fit with your individual skills, desires, and selected career path. [Learn More>>](#)

Click the title to view all details, and apply online!

[1319 – Resource Engineer](#)

- 300mm RTP
- 1-2 months
- Rio Rancho, NM
- Semiconductor Fab

[862 – Maintenance Technicians](#)

- Perm
- Fishkill, NY
- Semiconductor OEM

[1304 – Resource Engineer](#)

- Wet Hoods
- 4-6 weeks
- Colorado Springs, CO
- Semiconductor Fab

[1299 – Resource Engineer](#)

- 5-6 months
- Cambridge, MA
- Semiconductor Fab

[Browse all our current openings>>](#)

Referral CoNtest WINNER!

May 2009: Charlie Runchles
Congrats, and Thank You!

Refer someone now, and be entered into the monthly drawing for a \$50 gift card! [Visit our site](#) and click "Refer Someone" on the right side.

Safety Matters: HAZWOPER

This month's Safety Matters focusses on HAZWOPER safety. What should you know about HAZWOPER on the job? Find out in [this month's edition](#).

[Find all editions of Safety Matters on our website.](#)

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Comments, Questions, Other Feedback?
Email Kris at kkellermeier@nstargs.com

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