



The Power to Transform®

## **Government Programs Provide Funds to Purchase IPG Photonics Fiber Lasers**

*New Industrial Efficiency Programs Can Provide up to  
50% or More for Purchase of Fiber Lasers*

Oxford, MA, June 24, 2009 -- IPG Photonics Corporation, the global leader in high-power fiber lasers and amplifiers, announced today the availability of government programs that provide financial incentives for customers to purchase fiber lasers. Fiber lasers, which are vastly more energy efficient than conventional YAG and CO<sub>2</sub> gas lasers, are well suited for the new financial assistance programs which promote the deployment of energy efficient technologies.

One such program is the Clean Energy and Industrial Efficiency Program of the Massachusetts Department of Energy Resources (DOER). The DOER is now accepting applications for proven commercially available technologies with a minimum efficiency improvement of 25% into the industrial sector. The DOER program is based on the United States Department of Energy's Funding Opportunity Announcement for \$156 million in awards to deploy energy efficient technologies under the terms of the American Recovery and Reinvestment Act. There is no cap on the amount of funding per applicant.

Fiber lasers, a proven commercially available technology, convert electrical energy to optical energy 2 to 3 times more efficiently than diode-pumped YAG lasers, 3 times more efficiently than CO<sub>2</sub> lasers and 15 to 30 times more efficiently than lamp-pumped YAG lasers. Because fiber lasers are much more energy-efficient and place lower levels of thermal stress on their internal components, they have substantially less electrical requirements than compared to conventional lasers.

In addition to government programs subsidizing the switch to energy-efficient fiber lasers, electric utilities provide incentives to purchase fiber lasers. Check with your local utility company as we have found most states offer rebate programs.

"Due to the high energy efficiency of our fiber lasers, one customer has already received 50% funding in Florida by switching to fiber lasers for its materials processing application" stated Bill Shiner, Vice President – Industrial Markets. "Sometimes the capital cost of new equipment is a roadblock for utilizing more efficient equipment like fiber lasers. With new incentives available from the government and utilities, customers can deploy IPG's proven industrial lasers that provide great improvement in energy efficiency in addition to lower maintenance."

For more information on the DOER program, visit <http://sites.google.com/site/cleanenergyqanda/>. The program has an application deadline of June 30, 2009. Similar programs are offered by other states and Canadian provinces.

### **About IPG Photonics Corporation**

IPG Photonics Corporation is the world leader in high-power fiber lasers and amplifiers. Founded in 1990, IPG pioneered the development and commercialization of optical fiber-based lasers for use in a wide range of applications such as materials processing, advanced applications, telecommunications and medical applications. Fiber lasers have revolutionized the industry by delivering superior performance, reliability and usability at a lower total cost of ownership compared with conventional lasers, allowing end users to increase productivity and decrease operating costs. IPG has its headquarters in Oxford, Massachusetts, and has additional plants and offices throughout the world. For more information, please visit [www.ipgphotonics.com](http://www.ipgphotonics.com).

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