

DOE Offers \$37 Million for Clean Energy Research at Small Businesses

DOE offered \$37 million in American Recovery and Reinvestment Act funds on August 20 for clean energy research and development projects at small U.S. businesses. DOE's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs target U.S. companies with fewer than 500 employees, with the goal of investigating ideas for clean energy technologies that appear to have commercial potential.

About \$8.5 million is expected to be available for new projects, which are designated as "Phase I" awards. Successful applicants may receive up to \$150,000 for a Phase I grant, which gives awardees six months to demonstrate the feasibility of their ideas. Most of the remaining funds will go towards "Phase II" grants of up to \$1 million to support the principal research and development of clean energy concepts developed under previous Phase I awards. The competition for the Phase II grants will be opened at a later date.

For now, DOE is accepting applications for Phase I grants to support projects in the following topic areas: solar technologies; water power technologies; smart controllers for smart grid applications; sensors, controls, and wireless networks; building air conditioning and refrigeration, including thermal load shifting and cool roofs; advanced gas turbines and materials, including small, low-cost systems for distributed power applications; industrial technologies; advanced manufacturing processes; technologies to address water usage in electric power generation and industrial processes; and power plant cooling.

Small businesses with strong research capabilities in science or engineering are encouraged to apply for a Phase I grant by the September 4 deadline. See the [DOE press release](http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&105&&http://www.energy.gov/news2009/7824.htm) (<http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&105&&http://www.energy.gov/news2009/7824.htm>), the [SBIR/STTR Web site](http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&106&&http://www.science.doe.gov/sbir/) (<http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&106&&http://www.science.doe.gov/sbir/>), the full [grant opportunity](http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&107&&http://www07.grants.gov/search/search.do?oppId=48927&mode=VIEW) (<http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&107&&http://www07.grants.gov/search/search.do?oppId=48927&mode=VIEW>), and the [topic descriptions](http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&108&&http://www.science.doe.gov/sbir/solicitations/FY%202009/ARRA_Topics.pdf) (http://links.govdelivery.com:80/track?type=click&enid=bWFpbGluZ2lkPTU1OTA2NSZtZXNzYWdlaWQ9UFJELUJVTC01NTkwNjUmZGF0YWJhc2VpZD0xMDAxJnNlcmIhbD0xMjE1NTU3NjU0JmVtYWlSaWQ9c3RldmVAZXNwZXIuY29tJnVzZXJpZD1zdGV2ZUBlc3Blci5jb20mZXh0cmE9JiYm&&&108&&http://www.science.doe.gov/sbir/solicitations/FY%202009/ARRA_Topics.pdf).