California Clean Energy Fund 5 Third Street, Suite 900 San Franisco, CA 94103 tel 415.957.0167 fax 415.957.0177



Immediate release

Contact:

Jeff Anderson jeff.anderson@calcef.org 415-948-6365 (cell)

\$120 million DOE grant boosts California energy storage accelerator CalCharge and Berkeley Lab included in national energy storage innovation project

SAN FRANCISCO – Dec. 3, 2012 – A new California innovation accelerator for energy storage firms is getting a "fresh charge," thanks to the U.S. Department of Energy.

<u>CalCharge</u> – a partnership between Lawrence Berkeley National Laboratory and CalCEF, a family of nonprofit organizations working to promote the transition to a clean energy economy—will play a central role in the newly announced <u>Joint Center for Energy Storage Research (JCESR)</u>, the latest <u>U.S. Department of Energy Innovation Hub</u>.

JCESR, led by Argonne National Laboratory in Indiana, will combine the R&D power of five DOE national laboratories, five universities, and four private firms, all committed to achieving groundbreaking advances in battery performance and energy storage. The Department of Energy's commitment includes up to \$120 million dollars in funding over the next five years.

"Playing a role in the Joint Center for Energy Storage Research further cements California's role as a national leader in cutting-edge energy technologies," said Venkat Srinivasan, head of the Energy Storage and Distributed Resources groups at Berkeley Lab. "Because of JCESR we can bring even more to a partnership with CalCharge and its members."

The formation of CalCharge was announced earlier this year, with an operational launch planned for the first quarter of 2013. CalCharge will bring together emerging and established California companies, academic and research institutions, government bodies, and financing sources to jumpstart a new era of energy storage technologies for the electric/hybrid vehicle, grid, and consumer electronics markets. Through its programs, CalCharge will enable diverse stakeholders to collaborate, identify barriers to emerging technology success, develop solutions, and help provide access to resources that clear the path to commercialization.

"CalCharge is a first-of-its-kind public-private partnership working to accelerate energy storage commercialization and market adoption," said Jeff Anderson, interim Executive Director of CalCharge. "It's all about turning great ideas into sellable products that help address our sustainable energy challenges." Working with Berkeley Lab's world-class scientific facilities and personnel, CalCharge will offer programs to support technology development and commercialization, workforce training, and market insight.

"The Joint Center for Energy Research will integrate efforts at several successful independent research programs, and it will create enormous opportunities for the members of the CalCharge consortium to engage with this newly expanded ecosystem of potential partners and resources," Anderson said.

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JCESR is the fourth Energy Innovation Hub established by the Department of Energy since 2010. The other DOE hubs are focused on efficient buildings, fuels from sunlight, and nuclear energy. Plans call for a fifth hub to focus on critical materials research.

CalCharge's plans for the first quarter of 2013 include naming founding Charter Corporate Members; launching Battery University, its continuing education program in conjunction with San Jose State University; and holding a half-day open-house tour of energy storage research facilities at Lawrence Berkeley National Laboratory. Information and mailing list registration are at www.calcharge.org.

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About CalCEF

<u>CalCEF</u> (www.calcef.org) works to promote the transition to a clean energy economy by creating institutions and investment vehicles that grow markets for clean energy technologies. CalCEF is a non-profit umbrella organization that pursues statewide and national agendas via 1) CalCEF Innovations, a 501(c)(3) that leads CalCEF's analysis and product development; and 2) the California Clean Energy Fund, a 501(c)(4) that executes and scales the CalCEF investment strategy via a fund-of-funds model, partnering with leading investment managers.

About Lawrence Berkeley National Laboratory

<u>Lawrence Berkeley National Laboratory</u> addresses the world's most urgent scientific challenges by advancing sustainable energy, protecting human health, creating new materials, and revealing the origin and fate of the universe. Founded in 1931, Berkeley Lab's scientific expertise has been recognized with 13 Nobel prizes. The University of California manages Berkeley Lab for the U.S. Department of Energy's Office of Science.