

FOA #0822 - Sensors and Controls

| Project Title  | FOA                  | Prime Recipient   | Partners   | HQ Location    | DOE Funding Amount | Cost-share | Description  |
|--|----------------------|---|--|----------------|--------------------|------------|--|
| Software-Defined Solutions for Manageing Energy Use in Small- to Medium-Sized Commercial Buildings           | Sensors and Controls | Regents of California - California Institute for Energy and Environment | Building Robotics, University of California - Davis, University of California - Berkeley | Berkeley, CA   | \$2,000,000        | \$19,400   | This project will develop a software platoform, controllers, user interfaces, and software tools for lighting, thermostat, and information technology equipment. The software will be open and provide a modular framework for hardware and software vendors to add applications or devices. |
| Building Energy Management Open Source Software Development (BEMOSS)   | Sensors and Controls | Virginia Tech - Advanced Research Institute                             | n/a  | Blacksburg, VA | \$1,918,034        | \$0        | This project will develop a web-based building energy management software platform for effectively managing electrical equipment in small and medium-sized buildings. The software will be able to control HVAC, lighting, and appliances or equipment.                                      |
| An Extensible Sensing and Control Platform for Building Energy Management Applicants/Principal Investigators | Sensors and Controls | Carnegie Mellon University  | Research and Technology Center, Robert Bosch LLC   | Pittsburgh, PA | \$1,499,993        | \$227,662  | This project will develop an integrated software platform that enables comprehensive real-time command and control of indoor-environments. Scaife Hall, a medium-sized building on campus will be used as a living lab for real-world energy management applications.                        |