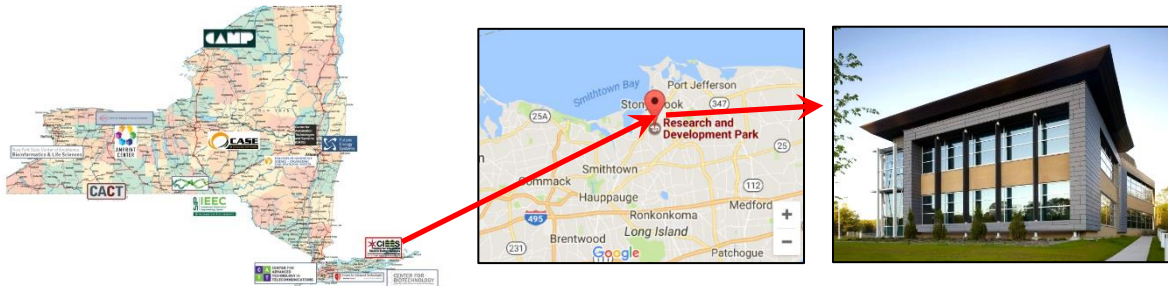


Center for Integrated Electric Energy Systems (CIEES)

Who we are

The Center for Integrated Electric Energy Systems (CIEES) is a part of the New York State (NYS) network of Centers for Advanced Technology (CAT), shown on the following map. We are located in the Advanced Energy Research and Technology Center, south end of the Stony Brook University campus.



Our goal is to contribute in positioning New York State as a global leader in developing and spearheading renewable energy technologies and their integration to the electric grid.

We operate by helping to initiate industry-academia projects through the scientific and technical expertise provided by Stony Brook University and Brookhaven National Laboratory. Our goal is to attain maximum economic impact in terms of new job creation, new revenue and new product launches.

Our areas of expertise:

- Energy sources: from in-grid storage, to mobile and wearable batteries
- Energy-related materials: battery electrodes, separators, filters, ceramics
- Sensors and sensor networks: stationary and drone-mounted
- Integration of energy storage in stationary and mobile systems

How industry can benefit by working with CIEES

- We provide cost-effective access to academic expertise and scientific facilities available at Stony Brook University, the SUNY system, other CATs and Brookhaven National Laboratory.
- We engage students in industry-relevant projects towards making them skilled potential hires.

- We provide connectivity to facilitate interfacing with other companies.
- We offer favorable intellectual property agreements.

Budget example

The following budget sample corresponds to a project involving 1 graduate and 2 undergraduate students. Cost sharing and reduced overhead (as low as 15%) deliver, on average, \$2.4 of work per \$1.0 company cash.

Graduate student	
Salary + fringe	\$32,547
Two undergraduate students	
Salary + fringe	\$35,450
Travel	\$2,000
Materials	\$16,000
Direct cost:	\$85,997
15% overhead	\$11,850
Total:	\$97,847
Funds:	
SPIR	\$24,344
CIEES	\$18,504
Company	\$55,000
Without CIEES:	\$130,870
Savings multiplier:	2.38

How to work with CIEES

1. Contact us at www.sbuciees.org
2. We discuss the scope of the project and negotiate a budget, which includes the industry cash, CIEES NYS match and other sources, such as federal, in-kind, other NYS funds.
4. We sign an Agreement (either an Evaluation or Product Development Agreement).
5. The work starts.