



Partnering with Sandia National Laboratories



Sandia's History

THE WHITE HOUSE
WASHINGTON

May 13, 1949

Dear Mr. Wilson:

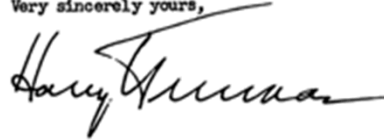
I am informed that the Atomic Energy Commission intends to ask that the Bell Telephone Laboratories accept under contract the direction of the Sandia Laboratory at Albuquerque, New Mexico.

This operation, which is a vital segment of the atomic weapons program, is of extreme importance and urgency in the national defense, and should have the best possible technical direction.

I hope that after you have heard more in detail from the Atomic Energy Commission, your organization will find it possible to undertake this task. In my opinion you have here an opportunity to render an exceptional service in the national interest.

I am writing a similar note direct to Dr. O. E. Buckley.

Very sincerely yours,



Mr. Leroy A. Wilson,
President,
American Telephone and Telegraph Company,
195 Broadway,
New York 7, N. Y.



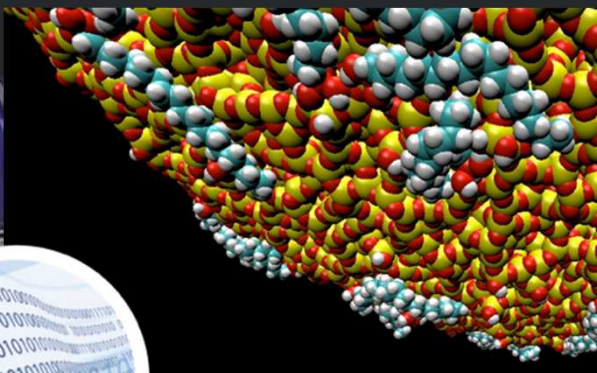
Sandia
National
Laboratories



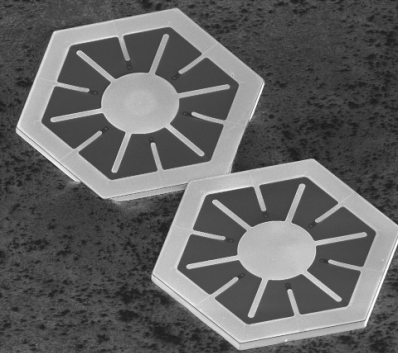
Strong Research Connections Enable Energy Mission



Computing and
Information Sciences



Materials
Science



Nanodevices and
Microsystems



Power on Demand



Cyber Resiliency



Resiliency in Complex Systems

Work For Others and Collaborative Agreements

Work For Others/ Other Federal Agencies

Interagency Agreements with Federal Agencies Only

WFO/OFA

CRADA

Cooperative Research and Development Agreement

Agreements with partners for collaborative R&D

WFO/NFE

IVA
(pilot)

Work For Others/Non-Federal Entities

Agreements with non-federal sponsors

Institutional Visitors Agreement

Specialized Work for Others



Distributed Energy Technology Laboratory (DETL)

Technology Deployment Centers

DOE facilities available for use by the scientific community.

- *National Solar Thermal Test Facility (NSTTF)*
- *Distributed Energy Technology Laboratory (DETL)*
- *Photovoltaic System Evaluation Laboratory (PSEL)*
- *Microsystems and Engineering Sciences Applications (MESA) Complex*



National Solar Thermal Test Facility (NSTTF)

Designated Capability Agreements

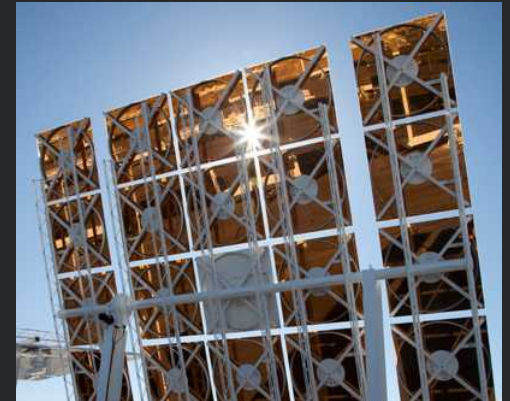
Capability-specific statement of work that can be applied to various partners.

- *National Solar Thermal Test Capabilities*
- *Microelectronics and Microsystems*

Licensing

IP is available for licenses in several areas:

- Mirror Alignment, Characterization and Tracking
- Glare Analysis
- Tracking Sensors
- Concentrating Solar Receivers
- PV Health Monitoring



Funding Opportunity Announcement Partnerships

Sandia capabilities can enable success on federal, state, and other funding opportunities



Sandia's High Temperature Falling Particle Receiver funded by an EERE FOA award. Project team included university and industry partners.



Sandia is providing time-synchronized PV output and corresponding forecasting for EPRI as part of an EERE FOA award.

Why Partner?



- Transform government investment into improved products, new companies, and industry innovation.
 - E.g. Solar Glare Hazard Analysis Tool
- Give you access to specialized expertise and technology meet your research needs.
 - E.g. Solar Energy Research Institute for India and the United States
- Help you stay competitive by commercializing new technologies.
 - E.g. Microscale photovoltaics



Sandia continually seeks opportunities to collaborate with industry to advance technology

Federal Business Opportunities Website

<https://www.fbo.gov/>

DOE Energy Efficiency & Renewable Energy Portal

<https://techportal.eere.energy.gov/>

Currently collaborative partnership opportunities:

- Advance microscale photovoltaic cell technology (solicitation Number 14_409)
- Research, Development, and Demonstration of Solar Thermal Technologies and Systems (solicitation Number 14_408)

For more information visit <https://www.fbo.gov/>



energy.gov/sunshot