Trend lines hold great promise for the industry. Continued innovation is needed to drive to lower cost and higher market penetration.

OUR MISSION

The Center for Next Generation Photovoltaics (NGPV) conducts cutting-edge research to help establish photovoltaic (PV) electricity as a major source of energy in the US and the world. Research is carried out at its University research sites on all aspects of the PV supply chain with guidance from an advisory board of industry and government sponsors. Industry sponsors receive a variety of benefits, including royalty-free access to intellectual property developed in the Center. NGPV is funded in part by grants from the US National Science Foundation through its Industry/University Cooperative Research Centers (I/UCRC) program (Grant nos. IIP-1540028 and IIP-1624539)

WORLD CLASS RESEARCHERS

Over 100 Additional Faculty and 300 Students in specific solar research fields

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Contact us to learn more about the benefits of membership. As a member, our entire team will be made available to help you with your projects and research.

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AREAS OF EXPERTISE

- Thin Film, Emerging and Silicon PV
- Big Data Solar Research
- PV Module Architecture, Packaging, and Reliability
- Balance of Systems and PV Implementation
- Educational and Societal Impact of PV
- PV Economic Case Analysis
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“...The Center platform helps to develop a sustainable high-class infrastructure of capabilities and competencies and allows the researchers to focus on industrially relevant problems.”

- Marcus Gloeckler, First Solar

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- Participate in industry-wide advocacy and influence public policy
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