

American-Made Solar Prize: Gearing Up to Win

10.6.20





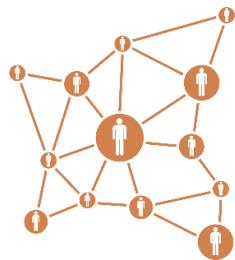
the small business voice for the clean energy economy



Policy
Support



Market &
Technology
Education



Business
Development
Assistance

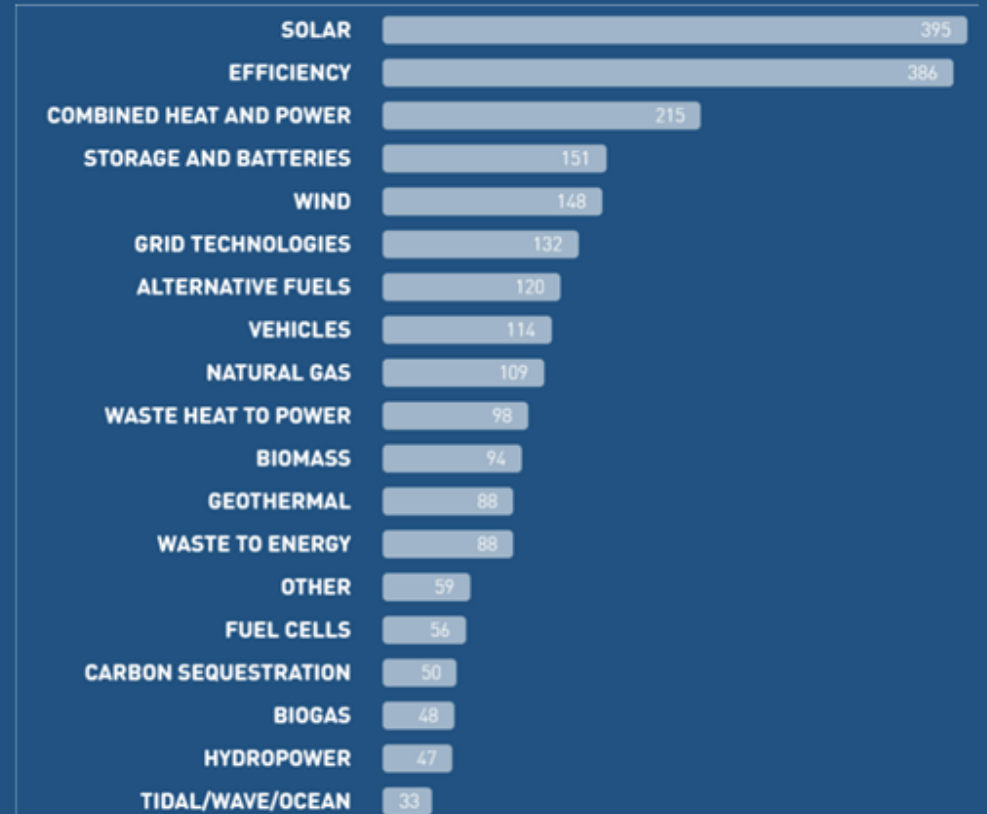
OUR MISSION

OUR REACH

4,400+ small and midsize business leaders
across 50 states



Diverse technologies



CEBN RESOURCES FOR AMERICAN-MADE SOLAR COMPETITORS



MEMBERS ONLY

SEARCH BY TEXT

ELIGIBLE TECHNOLOGIES

TECHNOLOGY STAGE

TYPE OF RESOURCE

TYPE OF FUNDING

Competition/Prize

Government or utility program

Mentorship/incubator/accelerator

Technical assistance

Technologies available for licensing

Other databases

COVID-19 RELIEF

American-Made Challenges: Solar Prize 4

Deadline: October 08, 2020

Approximate funding: \$3,000,000



U.S. DEPARTMENT OF ENERGY

American-Made
Challenges

SOLAR PRIZE

3 contests

\$3 million

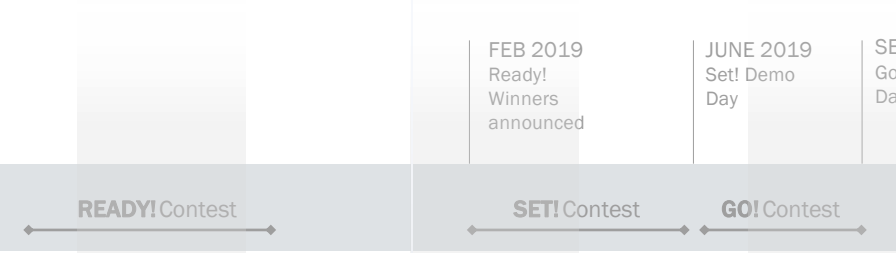


ROUNDS 1, 2, 3, & 4 TIMELINES



U.S. DEPARTMENT OF ENERGY

ROUND 1



FEB 2019
Ready!
Winners
announced

JUNE 2019
Set! Demo
Day

SEPT 2019
Go! Demo
Day

SEPT 2019
Ready!
Winners
announced

MAR 2020
Set! Demo
Day

AUG 2020
Go! Winners
announced

ROUND 2

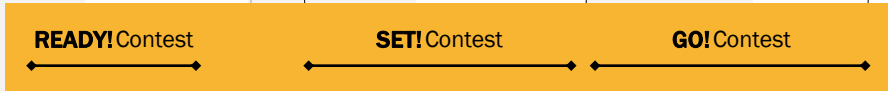


FEB 2020
Ready!
winners
announced

JUL 2020
Set! Finalists
announced

DEC 2020
Go! Winners
announced

ROUND 3



JUL 2020
Announce
Round 4

OCT 2020
Ready!
Submissions
due

DEC 2020
Ready!
Semifinalists
announced

MAR 2021
Set! Winners
announced

SEPT 2021
Go! Winners
announced

ROUND 4



M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N

2018

2019

2020

2021

We are here

WHO?

Any U.S.-based individual or team
with a desire to transform ideas
into impactful new solutions

CAN COMPETE



Scientists



**Students &
Faculty**



Entrepreneurs



**Anyone with a
BIG! idea**

Get Prepped for Ready! Contest

- Deadline: Oct. 8, 2020
- Post a 90-sec video of your innovation
- Answer four questions + other info
- Official Rules available [here](#)

SPEAKERS



Tom Keister
CEO & Founder
[Resilient Power Systems](#)



Adam Windsor
Co-Founder & Creative Director
[Asoleyo Solar](#)



Jennie Yoshimoto
Founder
[Terra Solar](#)



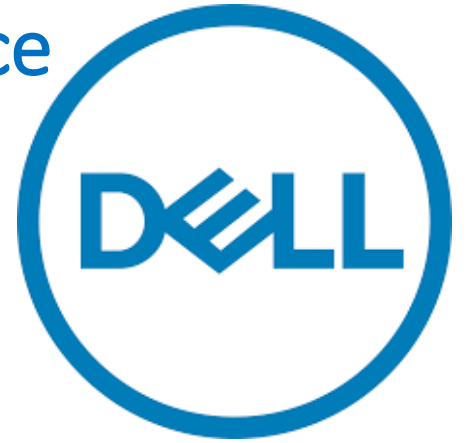
Resilient Power
Systems

Manufacturer

Solar + Storage Converter Products



Resilient Power has >100 years of experience



New Product Development Engineering Team

RPS has over 100 years of medium voltage high-power electronic experience at companies like General Electric, Eaton, Cooper Power Systems, Texas Instruments, and Dell.

Applications include: Solar, Storage, Wind, EV Chargers, Microgrids, Substations, Transformers, MVDC....

- **Lower system and product cost**
- **Higher performance and efficiency**
- **More reliable and resilient**
- **Multi-Functional (For example solar + storage + EV + Step up transformer)**



Typical EV Competitor Site




U.S. DEPARTMENT OF ENERGY

Finalist



2020

ASOLEY 
ARCHITECTURAL SOLAR

SOLAR PANELS ARE BORING & AWKWARD

- For 40% of people who want solar, but don't get it, Aesthetics are #1 Concern





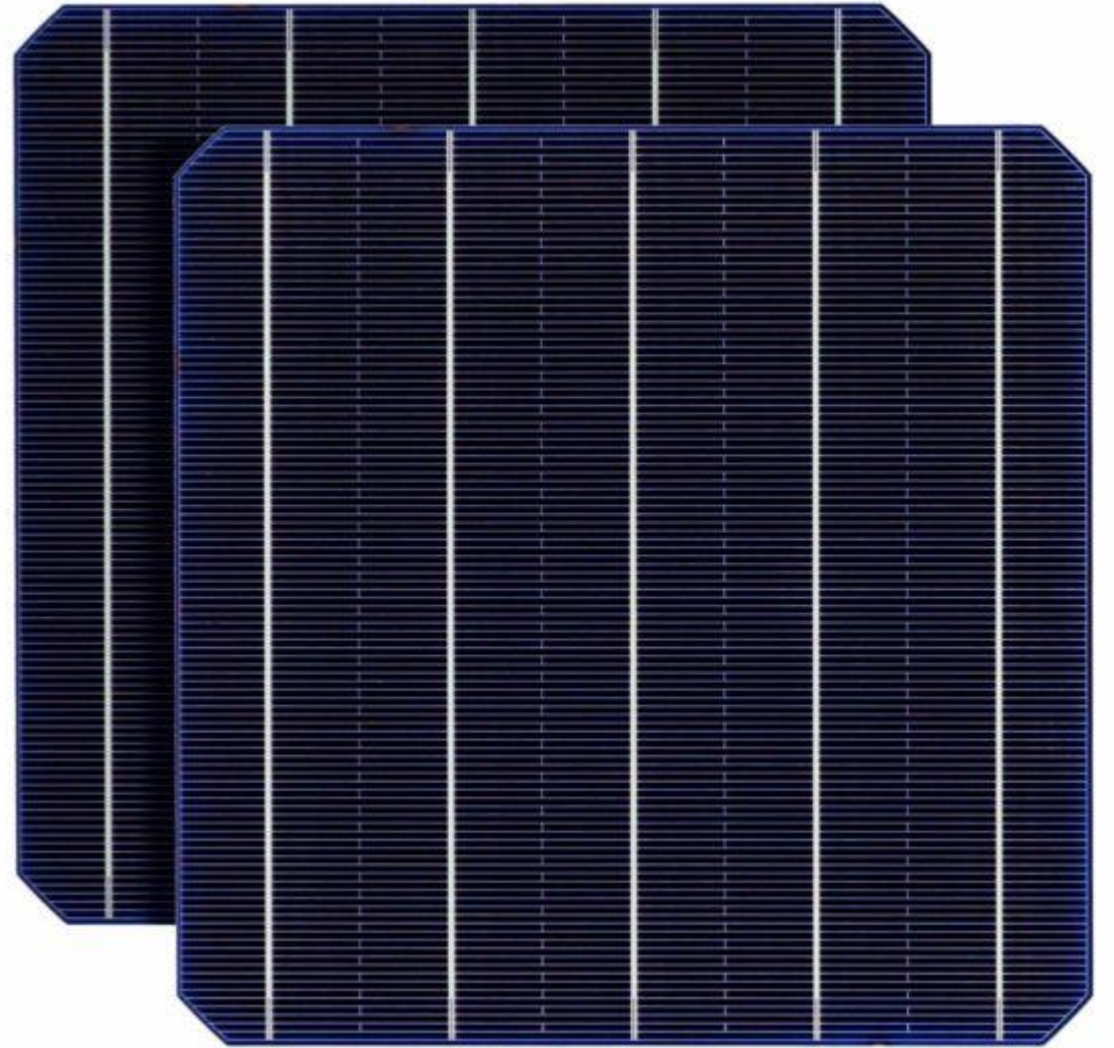
AUSTIN PUBLIC LIBRARY ROOF GARDEN

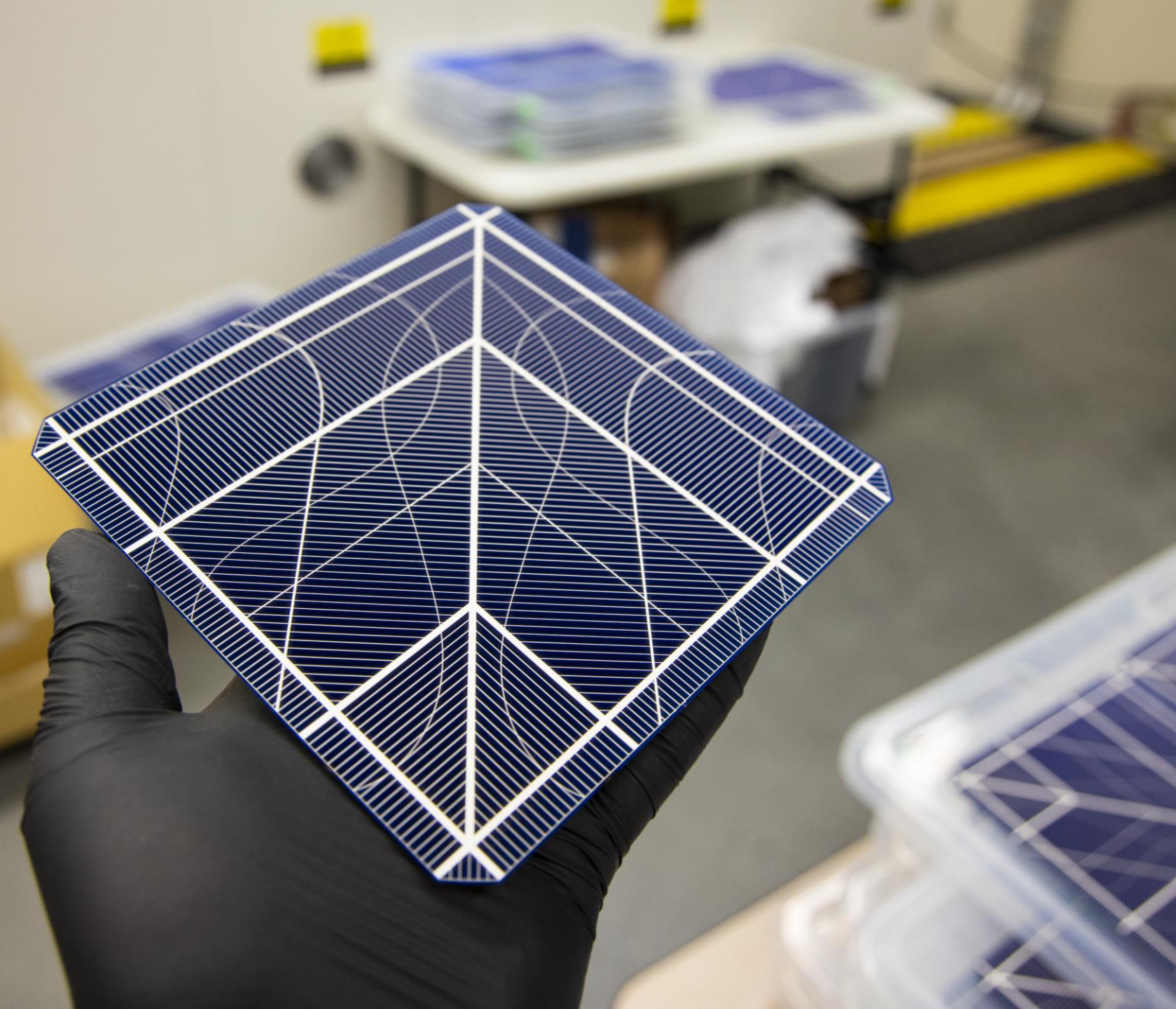


URECHT CENTRAL STATION, ROTTERDAM

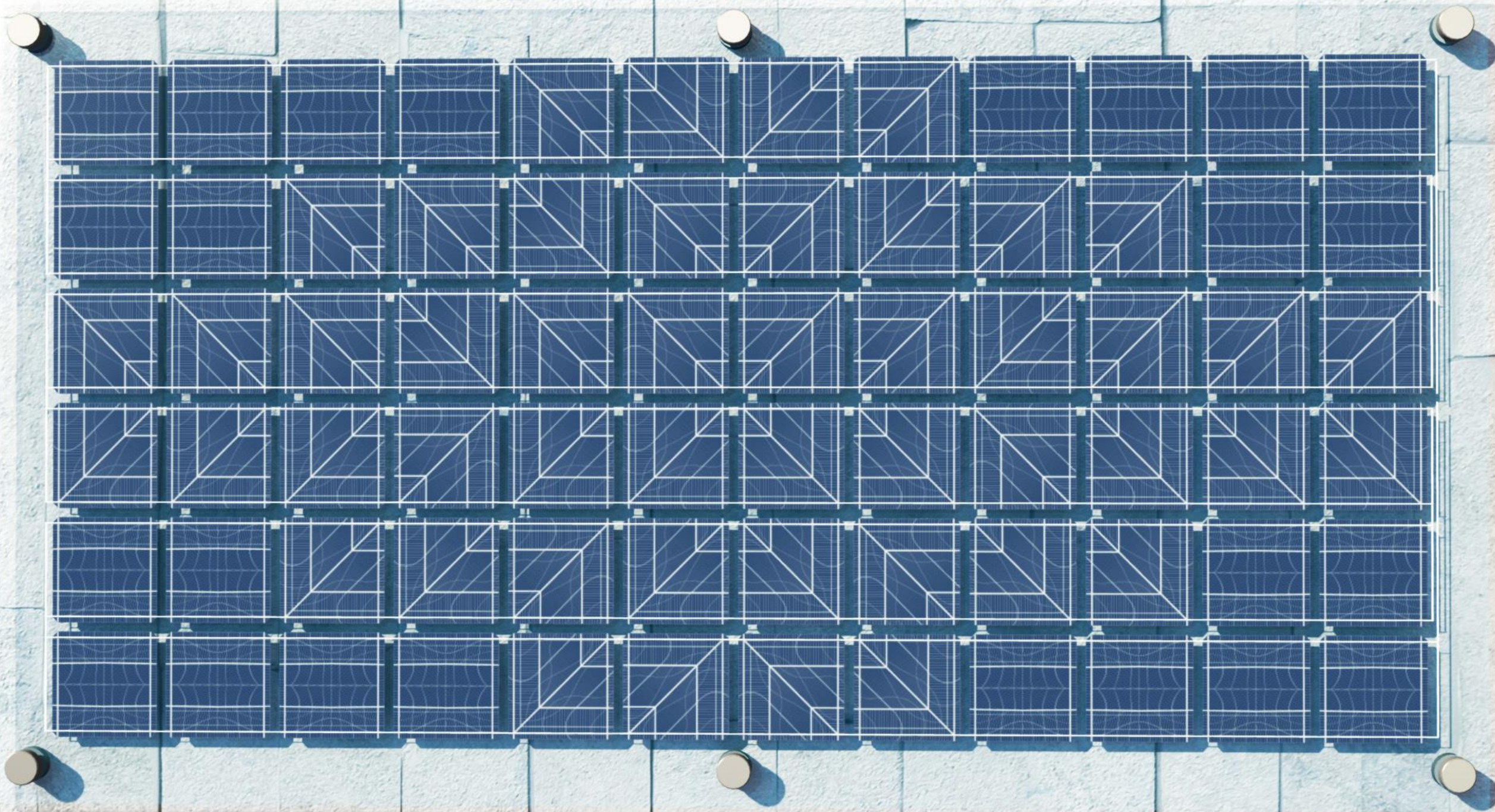
**THE BASIC BUILDING-
BLOCK OF SOLAR
ENERGY:**

THE SOLAR CELL.





**SYMMETRY,
RHYTHM,
& LINE**

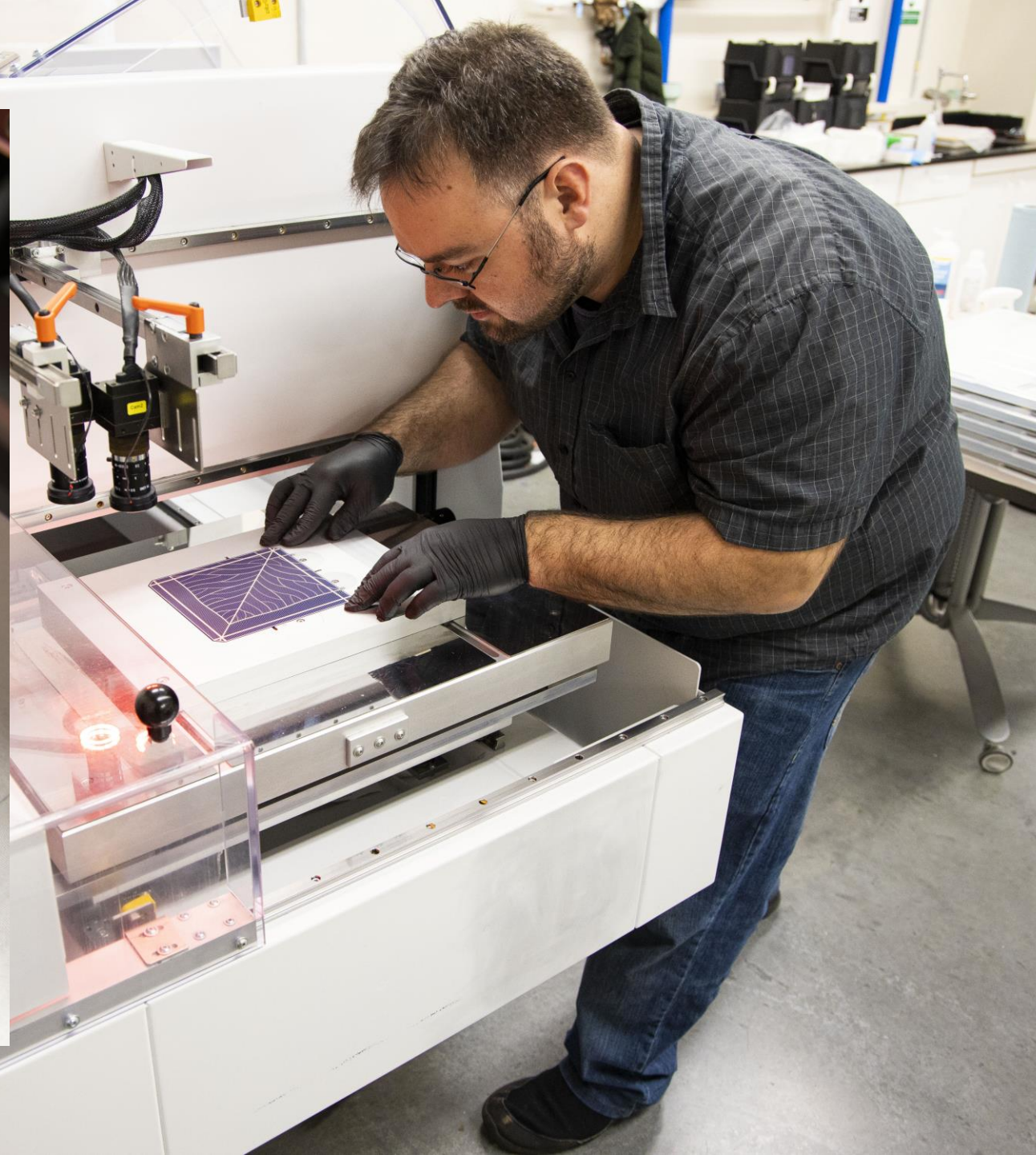
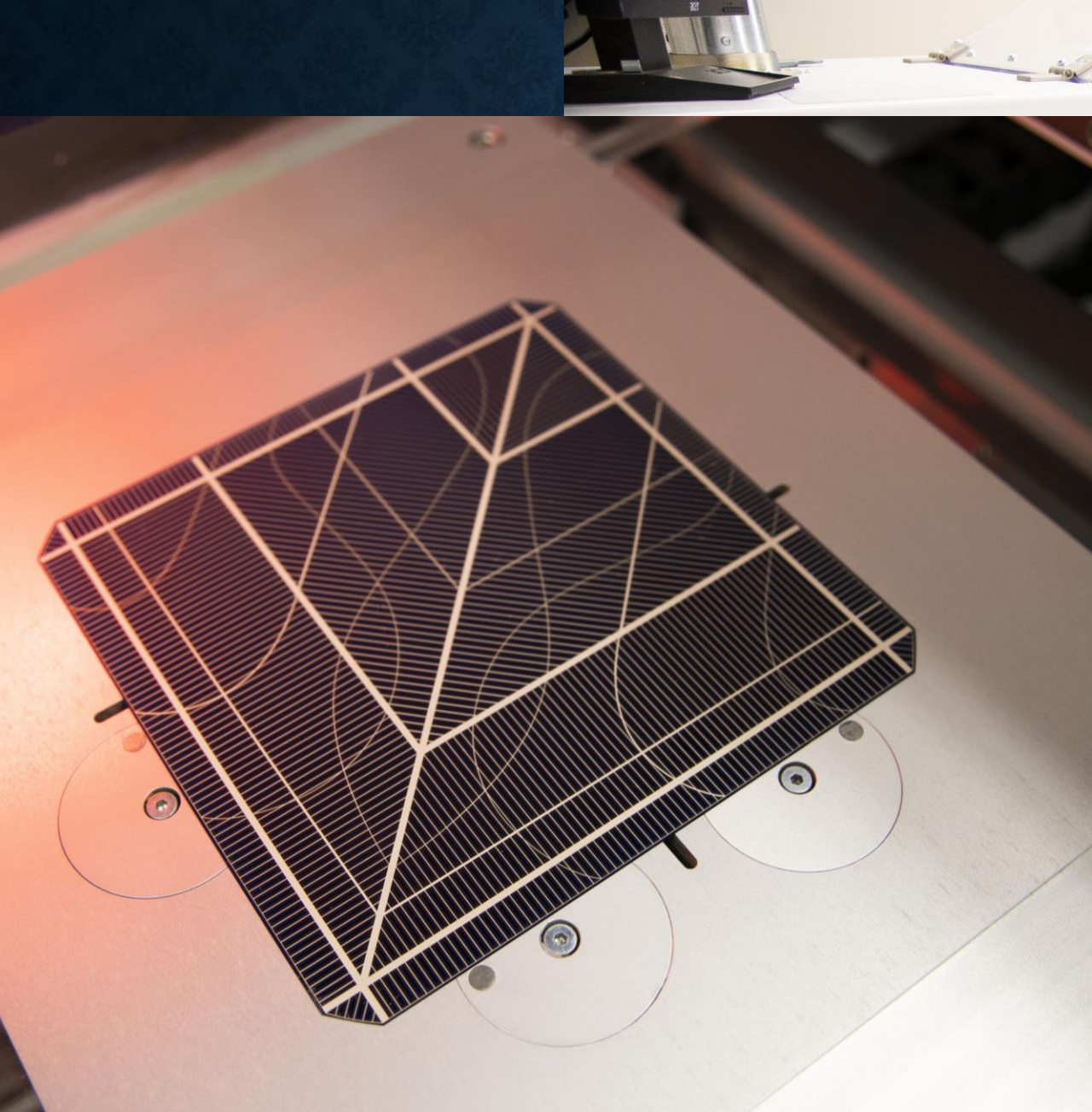








ASOLEYO 
ARCHITECTURAL SOLAR



SMALL-SCALE APPLICATIONS



THANK YOU!




U.S. DEPARTMENT OF ENERGY

Finalist



2020

ASOLEY 
ARCHITECTURAL SOLAR



U.S. DEPARTMENT OF ENERGY

SIMPLE-ASSEMBLY SOLAR KIT

BRINGING SOLAR WHERE YOU WANT IT



TERRA SOLAR

SOLAR CANOPY



- ✓ EASY INSTALLATION
- ✓ TRANSPORTABLE
- ✓ MANY APPLICATIONS
- ✓ MODULAR, SCALABLE
- ✓ NO PROFESSIONAL EXPERTISE NEEDED





Carnegie Mellon University
Wilton E. Scott Institute
for Energy Innovation



Partners & Progress

- ✓ PROOF-OF-CONCEPT
- ✓ CUSTOMER VALIDATION
- ✓ NETWORK ACTIVATION



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Jennie Yoshimoto
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Thank You!



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