



Solar Data Reverse Hack-a-Thon Wrap-Up

National Renewable Energy Laboratory
Johanna Levene, Lauren Spath Luhring and Rob Eger

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National Program Overview

National Renewable Energy Laboratory



At NREL, we focus on creative answers to today's energy challenges. From breakthroughs in fundamental science to new clean technologies to integrated energy systems that power our lives, NREL researchers are transforming the way the nation and the world use energy.

U.S. Department of Energy
SunShot Initiative



The U.S. Department of Energy SunShot Initiative is a national effort to drive down the cost of solar electricity and support solar adoption. SunShot aims to make solar energy a low cost electricity source for all Americans through research and development efforts in collaboration with public and private partners.

We started a Regional Solar Network in Austin!

Incubator –
ATI

**Coding
Academy -**
Galvanize

**Local
Companies**

- *Braket Technologies*
- *Indie Energy*
- *Mercatus*
- *RMI*
- *Simplify Solar*
- *Sun Power*
- *Zpryme*

Developers

Entrepreneurs



Solar Data Reverse Hackathon Concept

Concept:

The Solar Data thon-a-hack brought together Austin industry partners and local developers to solve real world solar projects using real world data.

	2 points Yes	1 point Somewhat	0 points No
Does the team's pitch have relevance to the solar market/industry?			
Does the team's pitch use data in an innovative way?			
Is the pitch relevant to Austin or Texas?			
	One point per item		
Extra point. The team actually uses local or NREL data.			
Extra point. The team actually demoed a functioning app or a website			
Tiebreaker. Can you, as a judge, identify a valid use case for this pitch?			
Total score from both sections			

Notes:

Results:

Five innovative pitches including visualizing opportunities for solar market growth, investigating local laws and incentives, and optimizing the interoperability of solar with batteries.

Success!

Projects used
real data

ATI, Zpryme
and Galvanize
hosted a great
event

ETS as a
focal
point

Real
world
pitches

High quality
products

Partnerships
were
formed

Amazing
mentors
and judges

Real
problems
were solved

First time
hackers
demoed

Cradle to
career story

Identified
future
opportunities

What's Next?

- **How do we continue to build this community?**
 - Follow up on projects developed at the thon-a-hack
 - Find other events to attend
 - Get ready for round 3 of DOE SunShot Catalyst Program
 - Join national network of regional energy data experts
 - What else?
- **What could we do better next time?**

Thank You

Johanna Levene (Johanna.Levene@nrel.gov)

Lauren Spath Luhring (Lauren.SpathLuhring@nrel.gov)

Rob Eger (Rob.Eger@nrel.gov)