

**ARE**



**Alliance  
for  
Renewable  
Energy**

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**MOVING LARAMIE TO  
100% RENEWABLE ENERGY**

# Corporations Committee and Net-Metering

- Two proposals defeated at the meeting November 18 and 19 in Cheyenne... **Thank You!**

~~1. Repeal Net Metering altogether~~

~~2. End the credit system that currently exists under net metering~~

~~a. Force solar owners to buy all energy used at the retail rate; and,~~

~~b. Force solar owners to sell all generation to the utility at the utility's avoided cost~~



*Denver International Airport*

## Denver International Airport

*Four solar farms totaling over 10 MW*

*A total of 42,358 solar panels spread across 55 acres*

<https://www.solarpowerworldonline.com/2016/03/7-cool-solar-installations-at-u-s-airports/>

# Denver International Airport

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- Project was completed via private-public partnerships
- Ground lease and power purchase agreements (PPA's)
- Interconnection agreements with the local utility provider

# Denver International Airport

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- Solar PV system owner differs for each system
  - Receives federal tax benefits
  - Renewable energy certificate payments
  - Solar rewards rebates from the local utility provider, and
  - Sells power to DIA



## Ford Police Hybrids

- Ford Explorer Interceptor Utility Hybrid ([link](#))

<https://www.ford.com/police-vehicles/hybrid-utility/>

- Police Responder<sup>®</sup> Hybrid Sedan

<https://www.ford.com/police-vehicles/hybrid-police-responder/>

# Police Car Idling Solutions

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Ford calculates that the savings over idling a gas engine combined with the MPG increase will save agencies that adopt the PI Utility hybrid **\$3,500** per vehicle per year.



# Police Car Idling Solutions

Rosemarie Russo

Moab, UT

(via email communication, 10/2/2019)

# Police Car Idling Solutions

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- Moab exempted Police
- Computer pack - Stealth Power that runs police cars and their equipment for 4 hrs
- Bought them in Colorado for fleet vehicles
- Moab has a very tight budget.





**Stealth Module - Ford Powerstroke 6.7L  
(2011-2019)**

Starting at \$450.00

★★★★★ 283 reviews



**Stealth Module - Chevy/GMC Duramax LML  
6.6L (2011-2016)**

Starting at \$450.00

★★★★★ 120 reviews



**Stealth Module - Chevy/GMC Duramax L5P  
6.6L (2017-2018)**

~~\$700.00~~ \$600.00 Sale

★★★★★ 57 reviews

# Stealth Modules

<https://www.stealthmodules.com/>

# Park City, Utah Future Vehicles

- For non-patrol cars, we are looking into hybrid and electric options
- Discussing with other police forces around the state the benefits and drawbacks of certain models
- Fully electric SUVs on the market in 1 or 2 years
  - Reaching out to different manufacturers for the timing of the police version roll-out

# Salt Lake City Parking Services Fleet



- Fully replaced their Wranglers with Chevy Bolts
  - Team has given the vehicles rave reviews
  - 238 miles<sup>†</sup> of electric range on a full charge
- <sup>†</sup> EPA-estimated

# PGE Electric Vehicle Information

- <https://ev.pge.com/>
  - Compare Electric Vehicles
- [https://www.pge.com/en\\_US/residential/solar-and-vehicles/options/clean-vehicles/electric/explore-ev-fundamentals.page#faqSection1](https://www.pge.com/en_US/residential/solar-and-vehicles/options/clean-vehicles/electric/explore-ev-fundamentals.page#faqSection1)
  - Fundamentals of Electric Vehicles

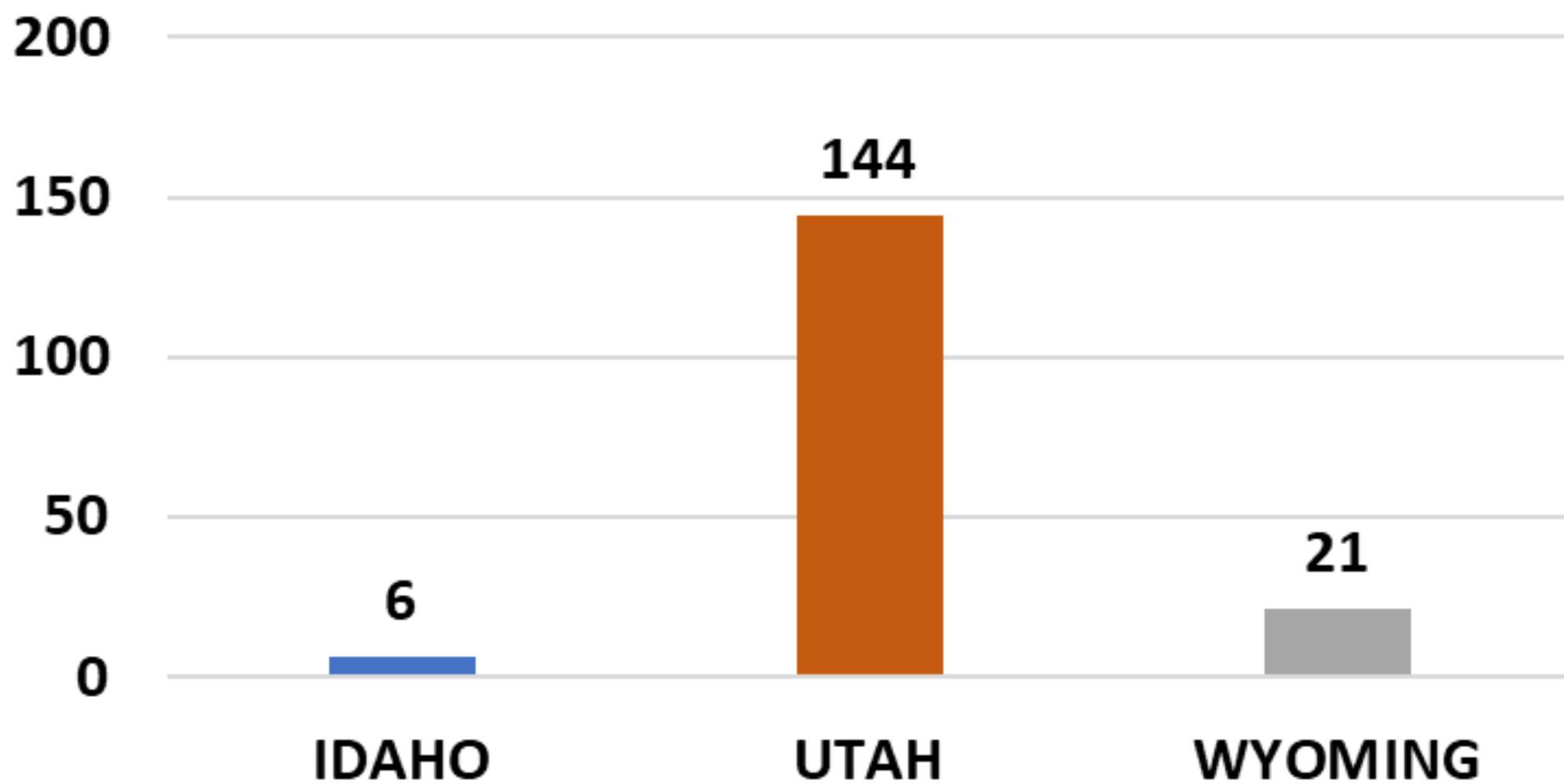
State	Applications being accepted	Funds Available
Utah	No	N/A
Idaho	No	N/A
Wyoming	<p><del>Yes</del> No</p> <p>Missed Opportunity: 2019 Wyoming Blue Sky Project Funding Closed as of 8/23/2019</p>	<p><del>\$400,000 – \$500,000</del></p> <p>Over \$3.1 million on projects elsewhere. 2020? <a href="mailto:bluesky@pacificorp.com">bluesky@pacificorp.com</a></p>

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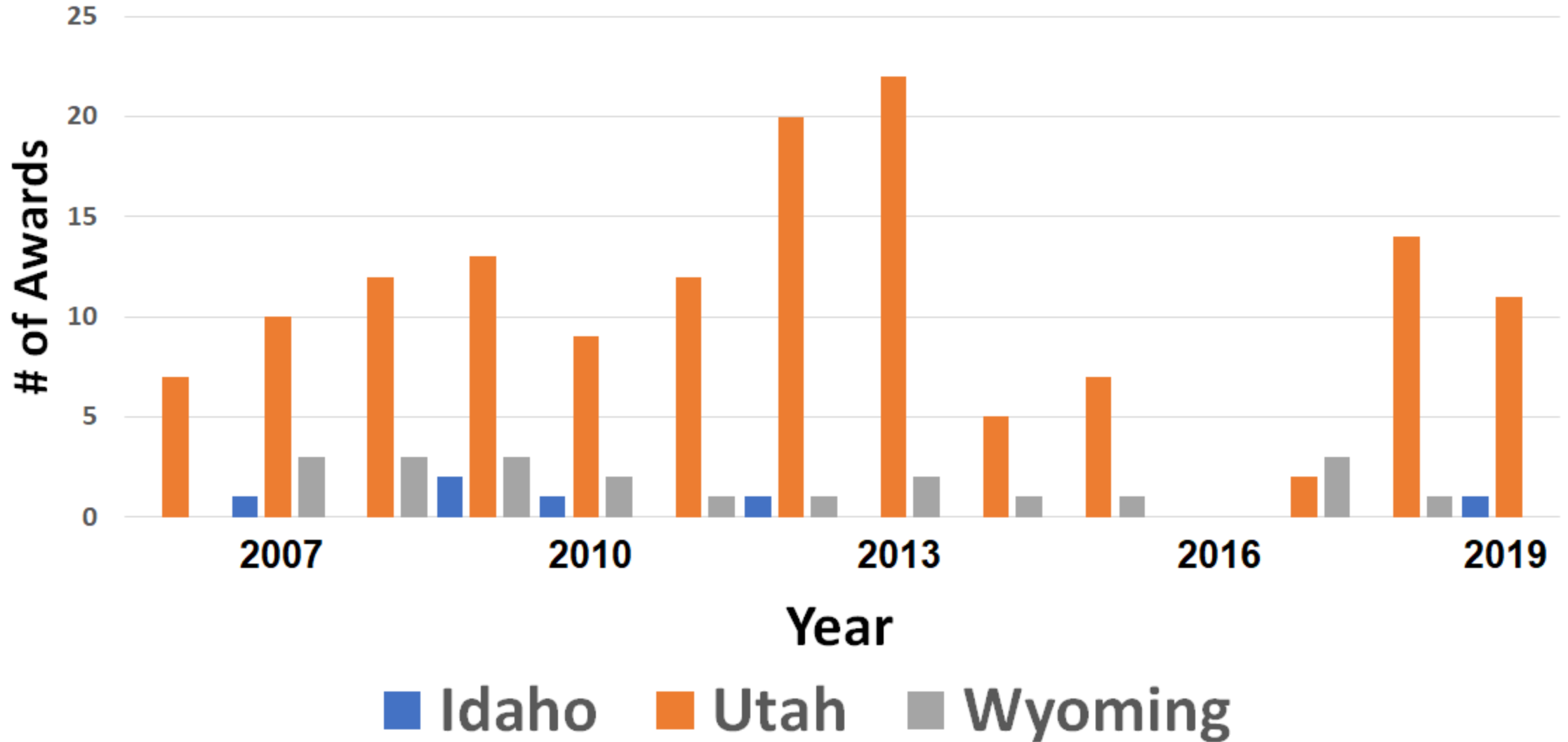
## Blue Sky Funding No Longer Available

Source: RMP website, ~~6/27/2019~~, updated 8/23/2019

## Blue Sky Grants, 2006-2019, by State



# Blue Sky Grant Awards



# RMP Blue Sky Grant Information

- **2019** Blue Sky project funding is closed
- **14** new projects have been funded in 2019 totaling more than \$3.1 million and are currently under construction
- **0** in Wyoming
- <https://www.rockymountainpower.net/community/blue-sky-projects.html>

# Alliance for Renewable Energy in Laramie

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Time for Laramie to join the new  
gold rush



<https://www.chevron.com/stories/2012/q3/producing-solar-power-at-a-mine>

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