

Why Solar on Poultry (and other) Farms

- They are agricultural operations and thus eligible for grants that not everyone can get.
- They use a lot of electrical energy, especially in summer when solar production is maximum.
- Existing buildings are usually properly oriented for solar panels.



2







Cost of the System - Choosing panels

• Efficiency

- Ranges from ~10-20% most are around 15% efficient
- Higher efficiency means fewer panels needed
- https://news.energysage.com/what-are-the-most-efficient-solar-panels-on-the-market/
- Reputation of the company







7



- Rooftop installations may be covered under homeowner policy
 Need to talk to insurance company to make sure
- Is it going to be taxable?
 - It will most likely add to the value of the property, and will thus increase property taxes



9



10

8



Solar Project Economics - Income Accelerated depreciation 100% first year bonus depreciation (Federal only) Eliminates all future depreciation Some owners sell this depreciation Talk to your accountant. A good accountant is absolutely your best friend in making these decisions.

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13









- USDA Rural Development REAP grants and loans (see concurrent session) • 25% grant, up to 75% combination grant and loan
- Grants are taxable (reduce the amount of your deductible investment)
 See Concurrent Session for Details
 DSIRE web site. (<u>www.dsireusa.org</u>)
 Comprehensive list of available Federal, State, and Local incentives for all types of renewables and energy efficiency improvements





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17