

# Solar on the Farm Workshop

Julie Bolthouse, Director of Land Use

January 27, 2023





# Today's Agenda (first half):

- USDA Rural Energy for America Program (REAP) - Tracey Krespach 9:15  
*(Grants, Incentives, and other Opportunities)*
- Rappahannock Electric Solar Opportunities - Meghan Jennings 9:45  
*(Working with Your Co-Op Utility)*
- Dominion Energy Solar Opportunities - Austin Jones 10:00  
*(Working with your Investor Owned Utility)*
- Solar United Neighbors - Ben Hoyne 10:15  
*(Identifying Vendors and Contract Options)*

-----10 Minute Brain Break-----

- Virginia Cooperative Extension – John Ignosh 10:30  
*(Virtual Presentation on Energy Management, Off Grid Solar Applications, and Grid-Tied Utility Interactive/Net Metering Solar PV)*

# Today's Agenda (second half):

----- 11:30am – 12pm LUNCH (from Wellness Kitchen) -----

## Solar Energy Experience at Farms and Rural Businesses

- Service provided by Solar Installer - Russ Edwards (Tiger Solar) 12:00
- Solar at a Brewery – Kevin Powers (Powers Farm & Brewery) 12:15
- Solar on a Cattle Farm in Easement - Robert Ellis (Clifton Farm) 12:25

Panel Question and Answers (moderator – Tim Mize w/Extension) 12:35

Wrap – Up 12:50

*Workshop Concludes at 1pm*

# Types of Solar

- Off-Grid Solar
- Behind-the-Meter Distributed Solar
- In-Front-of-the-Meter Small Scale Generators ( $\leq 3\text{MW}$ )
- Utility-Scale Solar ( $> 3\text{MW}$ )



Photo Courtesy of Lynne Kaye



# Types of Solar

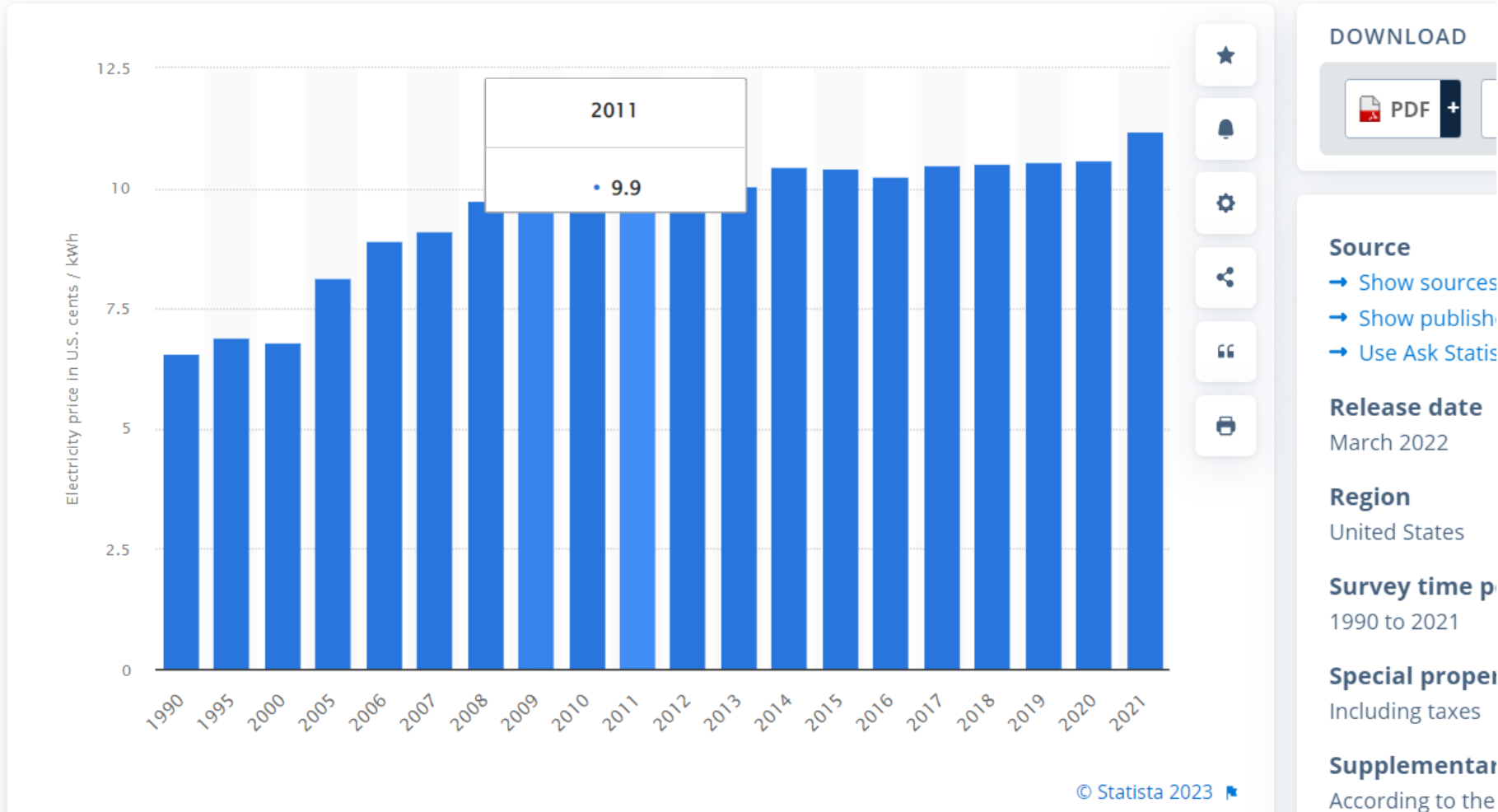
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# Why Now?

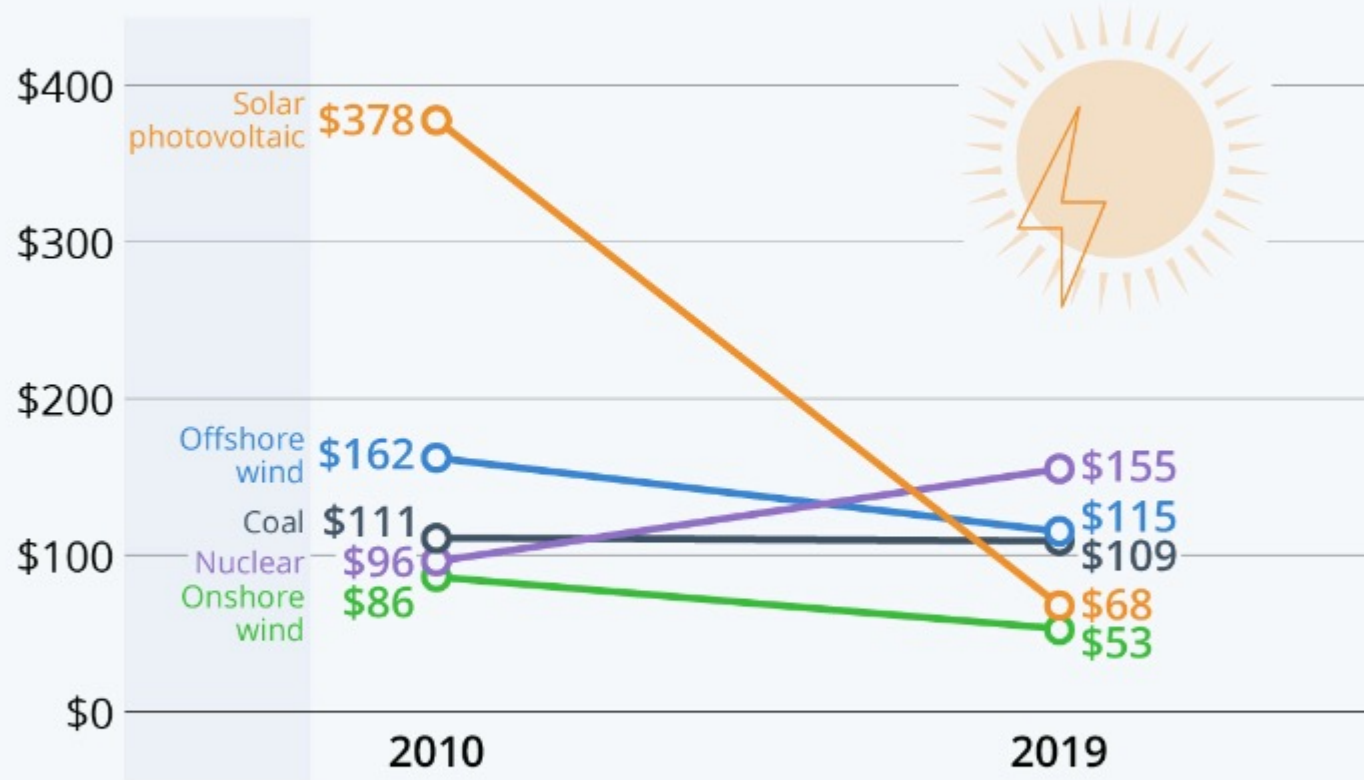
Average retail electricity prices in the United States from 1990 to 2021  
*(in U.S. cents per kilowatt hour)*



# Why Now?

## The Falling Cost of Renewable Energy

Price per megawatt hour of electricity, by source\*

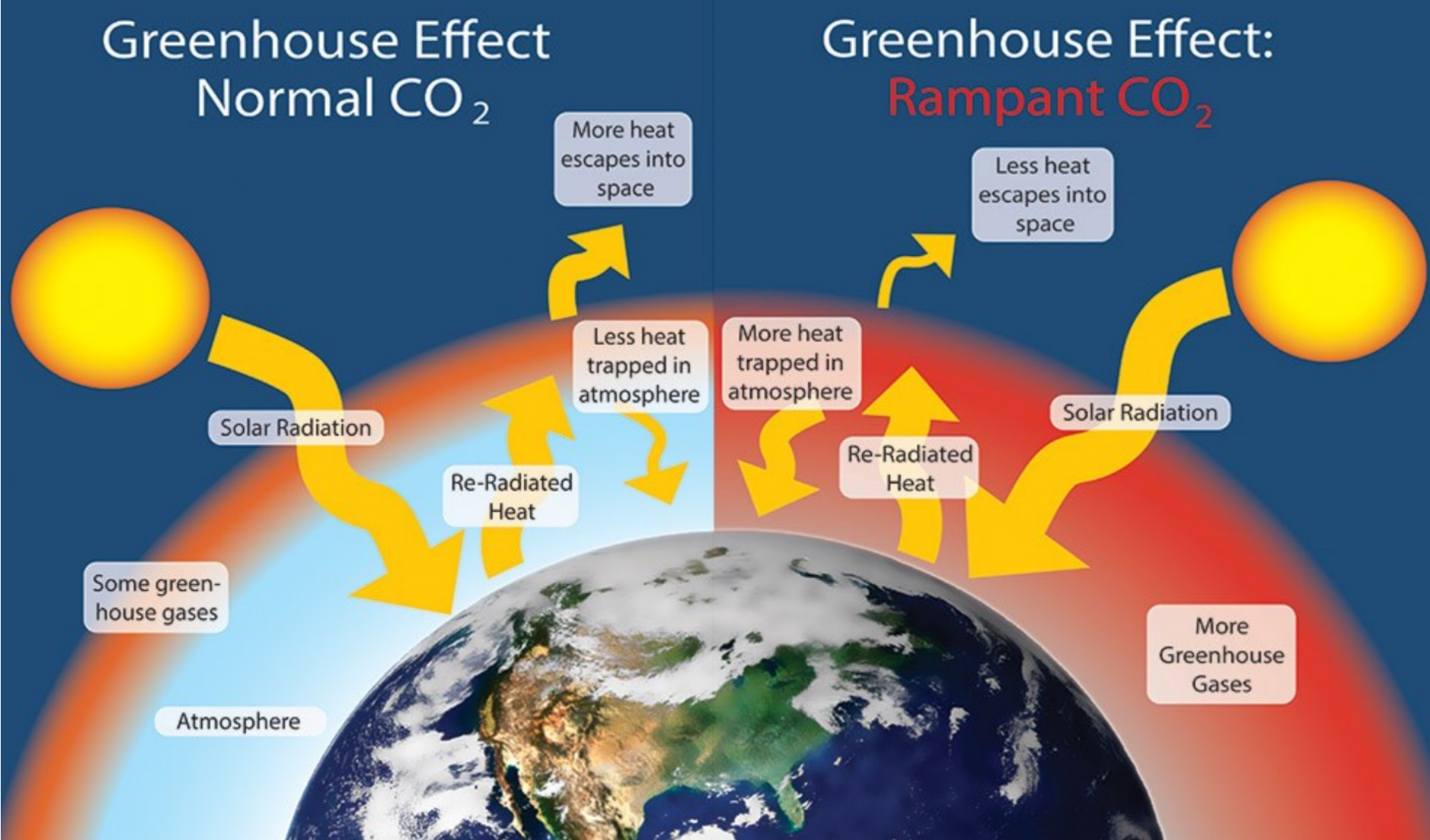


\* Global weighted average of levelized costs of energy (LCOE), without subsidies.  
Source: OurWorldinData.org





# Why Now?









# ***Solarize Piedmont***

**The campaign kicks off  
with the Local Energy  
Alliance Program in  
July 2023!**

**Learn more at  
[pecva.org/solarize](https://pecva.org/solarize)**

