



Solar on the Farm Workshop

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REC QUICK FACTS

22 Counties

4,000 sq. mi. Territory

170,000 Services

17,500 Miles of Line

10 Accounts per Mile

\$400M+ Revenue

450 Employees



CONNECTING OUR
MEMBERS AND COMMUNITIES
WITH SAFE, RELIABLE, AFFORDABLE,
AND SUSTAINABLE ENERGY SOLUTIONS.



RAPPAHANNOCK
ELECTRIC COOPERATIVE

RELIABLE • AFFORDABLE • FOCUSED ON YOU

 **Vividly Brighter**

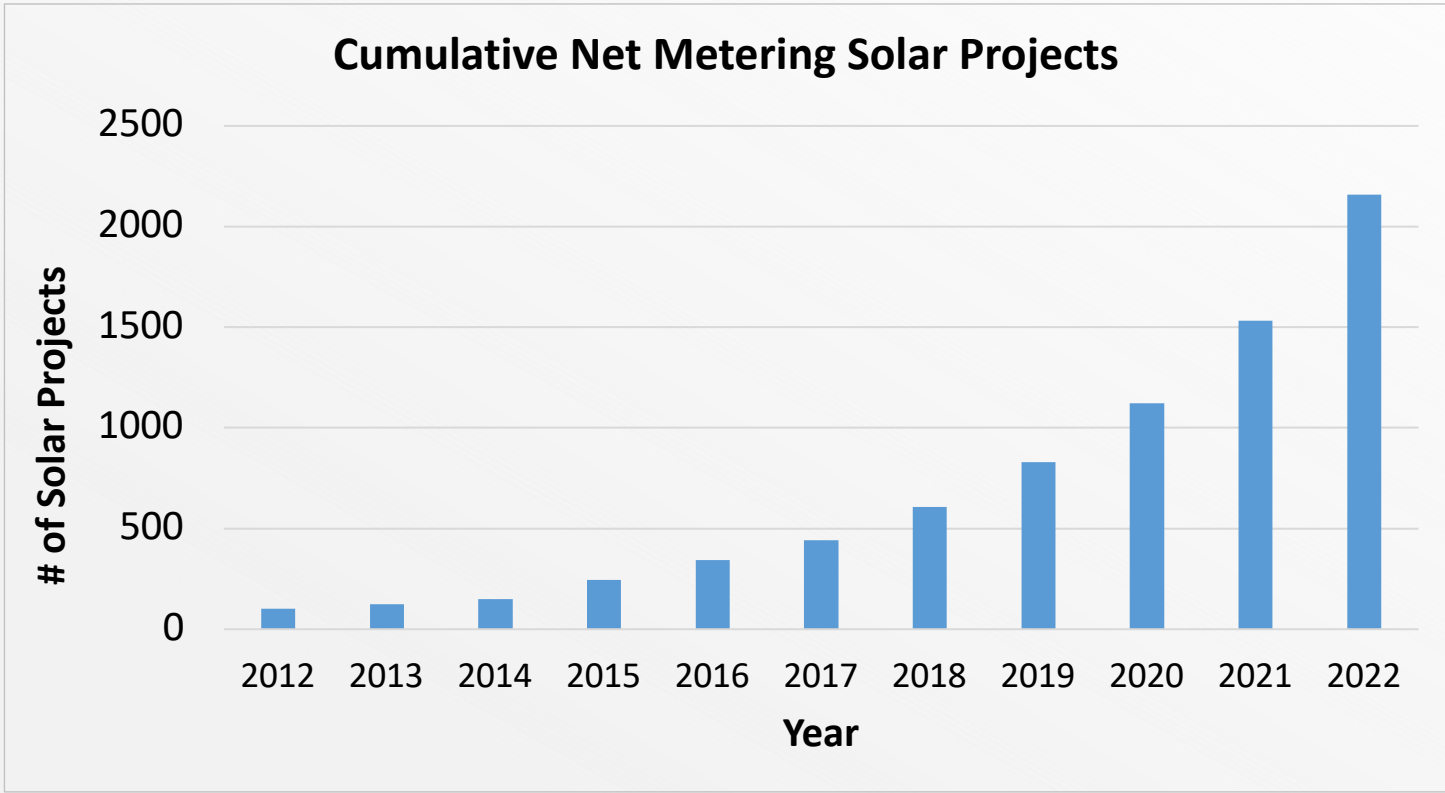


Vividly Brighter Solar

Solar Calculator
Net Metering Online Application Portal



Solar Trends

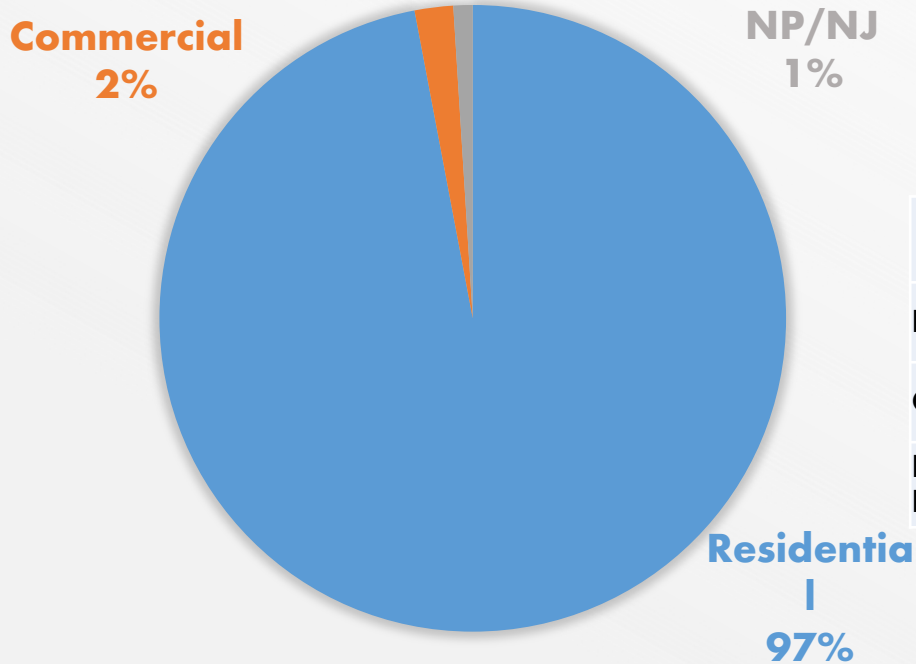


Total # of Completed Projects = 2,149





Net Metering Solar Projects



	# of Projects	Avg. System Size (kW)	Total Installed Capacity (MW)
Residential	2,070	11	16
Commercial	58	40	2.2
Nonprofit / Nonjurisdictional	21	215	4.3

Based on number of projects



Recent Improvements



- Solar Calculator

- Personalized calculation based on roof size & energy usage
- Payback period
- Size estimations



- Online Application Portal

- Automated communication updates
- Solar production estimates
 - Monthly & yearly
- Review Project Status

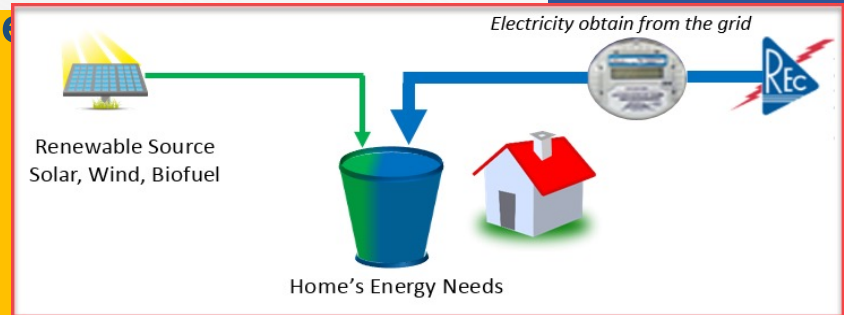
Net Metering Basics



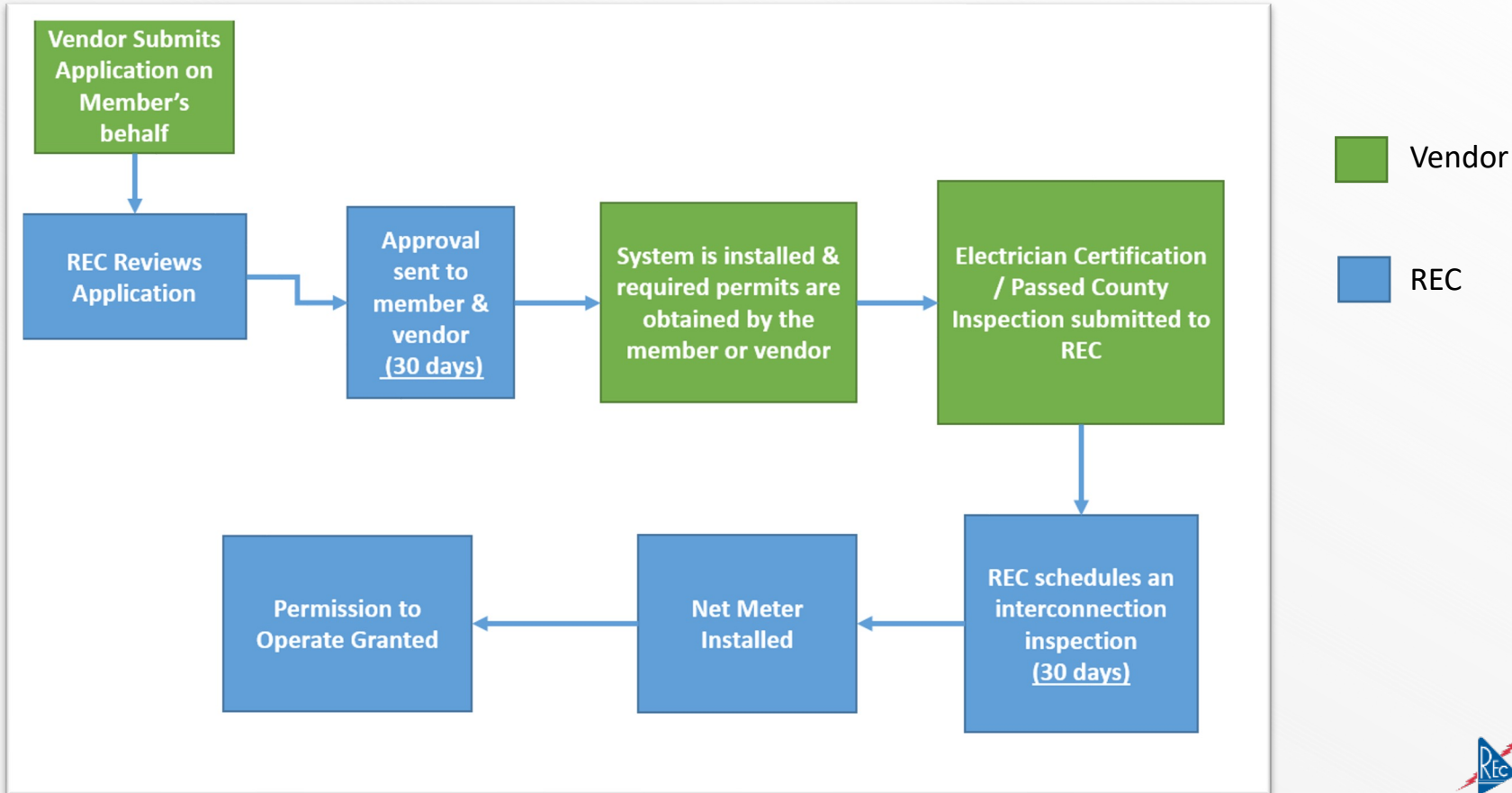
- Solar projects directly offset load of a home / building
- Sized up to 100% of a meter's load
 - 20 kW Residential
 - 1 MW Non- Residential
- NET Meter billing cycle
 - NET Meter measures bi-directional flow of electricity



tail rate



Net Metering Process



Small Agricultural Generation (SAG)

- Solar project can offset up to 150% of combined load
- Requires Level 1 / 2 Interconnection Process
- Buy All / Sell All Agreement
 - Purchased at wholesale energy rate
 - Potential option for Capacity Payments





SAG- Who is eligible?

- Any agricultural business
 - *“Company engaged primarily in the production and sale of plants and animals, products collected from plants and animals, or plant and animal services that are useful to the public.”*
- Breweries
- Wineries
- Distilleries





Our Role

- Provide information about Solar & Net Metering
- Review & Approve Net Metering applications / Interconnections
- Install Net Meter & Interconnection Equipment
- Update Electricity Bill



What REC Recommends to our Members



- Get quotes from 3 different contractors
- Research solar contractor reviews online
- Use WattPlan to determine solar potential
- www.myrec.coop/solar and VA Code



Compare options



Read Customer
Reviews



WattPlan[®]

powered by  Clean Power Research



**THANK
YOU!**

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