



SOLAR-EASE MISSOULA: MAKING SOLAR EASY!

CLIMATE SMART
MISSOULA

RESIDENTIAL SOLAR BASICS

HOW TO GO SOLAR:



Contact local
installer(s)



Get a free site
assessment



Review your
energy usage



Understand
cost & financing
options



Sign
contract



GO
SOLAR!

WHY GO SOLAR?

- Reduce electricity bills
- Add clean energy to the grid
- Be part of climate solutions
- Support green jobs
- Tax credits save money
- Free power (eventually)
- Why not?!

A typical residential system

- Average panel: 350 - 400+ watts
- 10 panels X 400 watts = 4000 watts or 4 kW system
- 10-panel system: ~ 11 x 16 feet

Rooftop solar today provides
less than 1% of MT electricity.

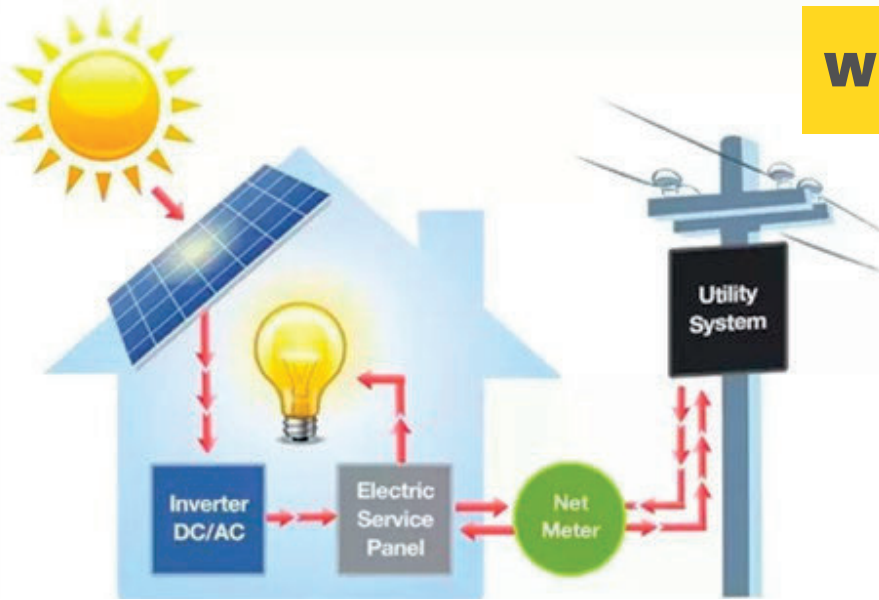
It could provide up to
30% of Montana's
electricity needs!

MORE SOLAR RESOURCES:
missoulaclimate.org/solar-ease



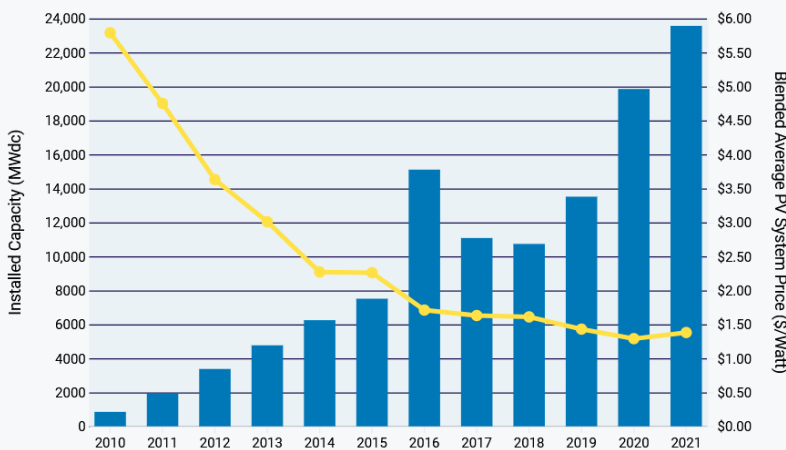
what is net metering?

- System connected to the grid
- On-bill \$ credit for excess energy produced and exported to the grid
- 12-month cycle to use excess credit
- System cap: 50kW (NWE) 10kW (MEC)



solar by the numbers

U.S. Solar PV Pricing Trends & Deployment Growth



Source: SEIA/Wood Mackenzie Power & Renewables U.S. Solar Market Insight Q3 2022



Federal Tax Credit back to 30% thanks to the IRA - thru 2035!

	2022	2023	2024	2025	2026
Credit Prior to IRA	26%	22%	0%	0%	0%
Credit Under IRA	30%	30%	30%	30%	30%

Financing

Low-interest loans are available from Montana Dept. of Environmental Quality (DEQ) and Clearwater Credit Union.



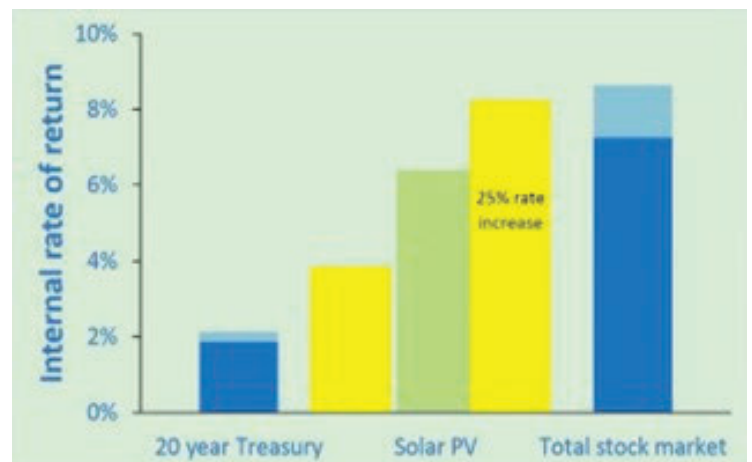
Prices have dropped 70% in the last decade

Solar is cheaper than ever! Current average installed cost in MT is \$2.50 - \$3 per watt.

Is Solar a good investment?

Example using a 5KW system in Missoula:

- Average monthly savings = \$56
- Payback: 10-13 years
- See Clearwater Credit Union's Investment Guide!



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