



MY SOLAR VS. ROOFTOP SOLAR

Purchasing Nine My Solar Panels (3 kW) vs. 3 kW Rooftop Solar

	MY SOLAR	ROOFTOP SOLAR
Cost: \$4,500 (\$500/panel) – tax credit and economies of scale already used to lower the cost to you.	\$4,500	\$8,400 Cost: \$12,000 upfront with 30% tax credit through 2019 (\$8,400). Tax credit lowered starting 2020.
Timeline: 10 years of solar energy		Timeline: 10+ years of solar energy
Higher energy output (no shade and solar tracking brings 15 – 20% more energy per panel)	45,720 kWh	40,200 kWh Lower energy output (shading, roof angle or direction, no tracking, etc...)
\$0.09934/kWh for all energy produced and everything detailed on your monthly electric bill <i>(45,720 x \$0.099/kWh = \$4,542)</i>	\$4,542	\$3,456 \$0.0326/kWh for all excess energy produced (8,040 kWh x \$0.0326) and full retail off-set for energy produced and consumerd on-site (32,160 kWh x \$0.09934) <i>(Estimated assumes 80% energy use on-site)</i>
No operations and maintenance	\$0	\$250 Maintenance expenses (conservative over 10 years)
No equipment replacements	\$0	\$? Equipment replacements throughout life of project (conservative)
No insurance or permit requirements	\$0	\$2,000 \$1,000,000 insurance requirements (over 10 years)
Nothing on your roof or in your yard and available to all co-op members.		Project constructed on roof or in yard and only available to those with the upfront money and clear space for panels

TOTALS:

Total expenses	\$4,500	\$10,650	Expenses through 10 years
Savings	\$42	-\$7,193	Savings

NOTE: The life of a residential solar installation is greater than 10 years, often extending past 20 years. The total expenses through 20 years of a solar installation are estimated to be \$12,900, with a total savings of -\$5,986.