

Friends of the Manchester Library: typical Annual Budget & Solar Electric Savings since August 2021 updated July 1

With income from:

Fundraisers like the Plant Sales, Father's Day Salmon Bake,
Sales of Books, raffles, other special events & Donations

FOML pays typical operating expenses

Building and grounds maintenance and repairs, insurance **\$6,000**

Utilities: **\$8,500+**

Library programs: **\$6,000**

Miscellaneous (volunteer and staff recognition, postage, fundraiser costs and
advertising, cost of goods to sell, supplies) **\$5,000**

Every year FOML needs to raise **\$25,000 to \$30,000** to keep the library open

The new Library Addition includes Solar panels:

\$ saved since original installation on Aug 4, 2021: **\$3,536**

• **Kilowatt hours produced since 8/4/21: **29,221 kWh****

Tons of CO₂ production avoided since 8/4/21: **46,169 lbs**

Our 25 solar panels, rated at 8.75 kW d/c output, manufactured by Sun Power, installed by Power Trip Energy, and funded 100% by a generous Green Power grant from Puget Sound Energy.

June is typically the 2nd best solar energy producing month each year (July is best). This year we produced 97% of the power that we did in June 2023. Our best day was the 25th when we produced 59.28 kWh and the least output was on the 2nd when we delivered 13.98 kWh. We also had 14 days in June when we produced over 50 kWh! In total, we produced 73% of the electric power we used for the library. Special thanks to patron Sarah Cook and her husband who volunteered to give the panels a delicate "bath" this month.

Data last updated: 7/1/2024