

Friends of the Manchester Library: typical Annual Budget & Solar Electric Savings since August 2021 updated Nov 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: **\$4,117**

• **Kilowatt hours produced since 8/4/21: **33,428 kWh****

Tons of CO₂ production avoided since 8/4/21: **52,816 lbs**

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

This October, similar to September, we produced the least solar power we have recorded for October (647.5 kWh) in the past four years. October 30th was the darkest day, with only 2.47 kWh produced versus the average day being 21.6 kWh. Still, the system is producing as we expected and I know somewhere out there we will have some more rare winter sunny days!

Data last updated: 11/1/2024