

Friends of the Manchester Library: typical Annual Budget & Solar Electric Savings since August 2021 updated Sept 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: **\$3,828**

• **Kilowatt hours produced since 8/4/21: **31,901 kWh****

Tons of CO₂ production avoided since 8/4/21: **50,404 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.

Did August seem darker and cooler than usual? Yes it was! The good news is we used 9% less power (less air conditioning required). The bad news was that we didn't have as much sunshine. The solar panels produced 6% more power in 2023, and 11% more power in 2022 compared to this year! The trade-off helped however, so reduced air conditioning demand more than compensated for the lower power output of the solar panels.

Data last updated: 9/1/2024