

Friends of the Manchester Library: typical Annual Budget & Solar Electric Savings since August 2021 updated April 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: **\$3,073**

• **Kilowatt hours produced since 8/4/21: **25,607 kWh****

Tons of CO₂ production avoided since 8/4/21: **40,000 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.

March was a fairly typical month. The solar output per day ranged from 8.22 kWh on 3/11 to a nice way to end the month on 3/31 with 47.4 kWh. Yes, March was a lot sunnier than February; for the month of March we had 2.2 times the solar power generated compared to February!

Data last updated: 4/1/2024