



# Olympia

Community Solar



# 2024 ANNUAL REPORT

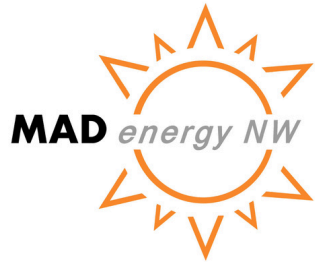
# FOCUSED ON ENERGY EQUITY

We couldn't be prouder of our staff's work in 2024. We energized our fourth community solar project (at the Good Shepherd Lutheran Church), managed our fourth annual Solarize campaign, deployed solar on low-income residences, and forged new partnerships. If you want to support our mission we hope you'll reach out and work with us to align with your goals!

***Mason Rolph, Executive Director***

*mason@olysol.org*

## THANK YOU SPONSORS!



# STAFF

**Executive Director**  
Mason Rolph



**Program Director**  
Ben Silesky



**Program Director**  
Keira Jensen



**Outreach Director**  
Lana Rae Jarvis



# INTERNS

Elexis Kalar & Iggy Rey Cello



# 2024 METRICS



**15.2 Million Dollars**

of Solar, Battery, and EV Charger Grant  
Funding Awards



**1.6 Megawatts**

Total Solar Capacity Installed



**101 Projects**

90 residential, 11 commercial solar  
installations



**4.7 Megawatts**

Solar Capacity in our Pipeline



# SOLAR DONATIONS

Our community solar model allows community members to donate solar units to benefit local nonprofit organizations. Our Hummingbird, Sunflower, and Thurgood Marshall projects all generated revenue for local nonprofits in 2024! We're proud to support these organizations with solar power:

Olympia School District	\$ 140.00
Capitol Land Trust	\$ 738.60
Garden Raised Bounty (GRUB)	\$ 697.00
Salmon Defense	\$ 635.00
Thurston County Food Bank	\$ 1,376.20
Olympia Community Solar	\$ 897.26
Centro Integral Educativo Latino de Olympia (CIELO)	\$ 416.00
Hands On Childrens Museum	\$ 1,276.00
Thurston Climate Action Team	\$ 670.00
Dispute Resolution Center	\$ 438.00
Media Island International	\$ 480.00
Homes First	\$ 12,902.90
The Hawk Foundation	\$ 416.00
Olympia Symphony Orchestra	\$ 355.00
Olympia Mutual Aid Partners	\$ 756.00
Friends of the Olympia Farmers Market	\$ 2,836.70
<b>TOTAL DONATIONS</b>	<b>\$ 25,030.66</b>

# SOLARIZE

2024 was a great year for our residential program, Solarize. We expanded the geographic reach of our campaign while working with new partners and coordinating with local electrification programs.

- Ensured **90 homeowners** received discounted group purchase rates on solar installation, resulting in a total of **877 kW DC** of solar capacity installed.
- **Brought Solarize to new communities** by partnering with Kicking Gas in Island County, Sustainable Living Center in Walla Walla, Sustainable Connections in Whatcom County, The City of Kenmore in King County, and continuing last year's partnership with Skagit Valley Clean Energy Alliance in Skagit County.
- Helped provide **home energy audits to 31 residents** of Whatcom, Skagit, and Walla Walla County.

## Coming Up in 2025:

In addition to bringing Solarize back to the communities mentioned above, we're expanding to the Cities of Issaquah, Sammamish, Kirkland, Bellevue, Redmond, and Mercer Island!



Pictured: Ben giving a solarize presentation in Kenmore City Hall.

# \$5.4 MILLION DOLLAR GRANT AWARDED TO THE NISQUALLY TRIBE



Last year we partnered with the Nisqually tribe to create a greenhouse gas inventory and detailed climate emissions mitigation plan. Using these materials the Tribe applied for and was awarded a \$5.4 million grant from the EPA's Climate Pollution Reduction Grants (CPRG) program.

In the coming year we will continue in our partnership with the Tribe as they begin to enact their mitigation plan, supporting their installation of solar panels and electric heat pumps at tribal facilities and homes



Scan to read more!



# GRANT AND PROJECT DEVELOPMENT

In 2024 we provided clean energy grant and project management services to organizations around the state, including our latest community solar project!



## WEST MASON FIRE DISTRICT 16

Secured two grants to fund 36 kW of solar on this rural fire station. The project will reduce the department's energy costs by \$3,400 dollars each year. The department posted on their message board "Solar project 100% grant funded!"



## THE EVERGREEN STATE COLLEGE

Assisted a student-led effort that successfully secured funding through the College's Clean Energy Committee. The 94 kW array was installed on the Recreation Pavilion near the sports fields. We celebrated with a ribbon cutting in October.



## LUTHERAN CHURCH OF THE GOOD SHEPHERD

Completed a 172 kW system that offsets 100% of the church's energy. The project's benefits are dedicated to the Thurston County Food Bank. Funding was provided by the WSU Energy Program.



## YELM COMMUNITY CENTER

Completed a 37.5 kW solar array and battery storage system that offsets 96% of the Center's energy. The solar was completed this past summer and is just awaiting the battery delivery.



## COMMUNITY ROOTS

Secured funding to install solar on the O-street community in Vancouver WA. The 48 kW system was installed last fall. The nonprofit sponsored village provides housing for community members experiencing houselessness.



## HOMES FIRST

Completed a 25 kW system for a new Women's Oxford house in Tumwater this year (Homes First solar project #18). We've helped Homes First secure funding for three additional solar installations in 2025.



## WINTHROP LIBRARY

Secured funding from the Department of Commerce for the Town of Winthrop's public library in the North Cascades. The 78 kW array was completed in July and will save the town an average of \$15,000 each year.





## OLYMPIA LITTLE THEATRE

Secured funding for 24 kW of solar that now helps the 104 year old Olympia Little Theatre reduce operating costs and keep ticket prices low.



## ORTING VETERANS VILLAGE

Developed and secured funding to install solar at the Orting Village. The 119 kW of solar spread across 36 veteran-occupied tiny homes will reduce the village's operating costs by \$20,000 per year. The residents were very excited!



## CITY OF OLYMPIA

Secured funding to install a solar array on the Olympia Fire Department #1. The project will be constructed this spring. We'll continue to provide the city with clean energy grant and project services for 2025.

## CITY OF TUMWATER SOLAR & STORAGE

**1 Solar Panels on the roof**  
This installation includes 383 solar panels that were made in the state of Washington. These panels are made of silicon and photovoltaic (PV) cells. When light from the sun hits the photovoltaic cells, they create an electric current.

**2 Solar Inverter**  
An inverter converts the direct current (DC) electricity generated by the solar panels into alternating current (AC) electricity, which is used to power the building. You can find AC in any wall outlet. Most inverters are mounted on the wall or ceiling. The inverter will DC to charge your phone battery.

**3 Battery Storage**  
A solar battery storage system is a storage device that stores the excess electricity generated by solar panels for later use. Depending on the size of the battery, it can store enough electricity to power the house. The battery can also help save on energy bills and provide backup power during outages.

**4 The City of the City of Tumwater**  
The City of Tumwater is committed to reducing its carbon footprint and increasing its energy resilience. The City is currently conducting a feasibility study to determine the best way to install solar and battery storage on its buildings.

**120.3** Megawatt hours of electricity  
**130,964** Pounds of carbon

**1,350** Trees planted  
**3,383,867** kilowatt-hours charged

**59.8** acres preserved  
**204,759** miles not driven

**CAREERS** in the solar industry

## CITY OF TUMWATER SOLAR + STORAGE FEASIBILITY STUDY

Supporting the City of Tumwater to conduct solar and battery feasibility studies on four city buildings. The buildings may become energy resilient shelters in the future!

## UNITED CHURCHES OF OLYMPIA

Supporting the historic Church to manage a solar and battery installation this spring. Undergoing a large renovation, the electrified church will serve as an energy resilient shelter.



## NISQUALLY WASTEWATER, SPIRIT CENTER, AND HEADSTART PROJECTS

Our team collaborated with the Nisqually tribe to secure funding for three commercial solar installations totalling 280 kW of solar. The installations will reduce the Tribe's operating costs and emissions.



## YAKIMA COUNTY SOLAR

Our team collaborated with Yakima County to secure more than three million dollars for solar installations on ten public buildings. The 1,423 kW of solar will significantly reduce the county's operating costs.



## TACOMA COMMUNITY HOUSE

Located in the Hilltop community of Tacoma, this nonprofit is an immigrant and refugee service provider. We worked with the Community House to secure funding for a 122 kW solar installation that will provide 70% of their power needs.







## CANTERBURY MANOR

Operated by the Episcopal Retirement Communities, this Bremerton elder's facility has secured two grants to fund a 143 kW solar installation. The installation will occur this spring.



## SAN JUAN PUBLIC HOSPITAL DISTRICT #1

Our team partnered with Cascadia Renewables to conduct solar plus battery feasibility studies for two EMS facilities on San Juan Island. The studies identified that both sites have good potential!



## NETWORK TACOMA

Two fourplexes (eight units total) of transitional housing for houseless families secured funding for solar. The solar installation will directly reduce the energy burden of families occupying the units.

 **NETWORK**  
tacoma Helping homeless families since 1990



Pictured: Evergreen students, alumni, staff, and solar installers cut the ribbon on new project.



# COMMUNITY SOLAR PROJECTS



## GOOD SHEPHERD COMMUNITY SOLAR

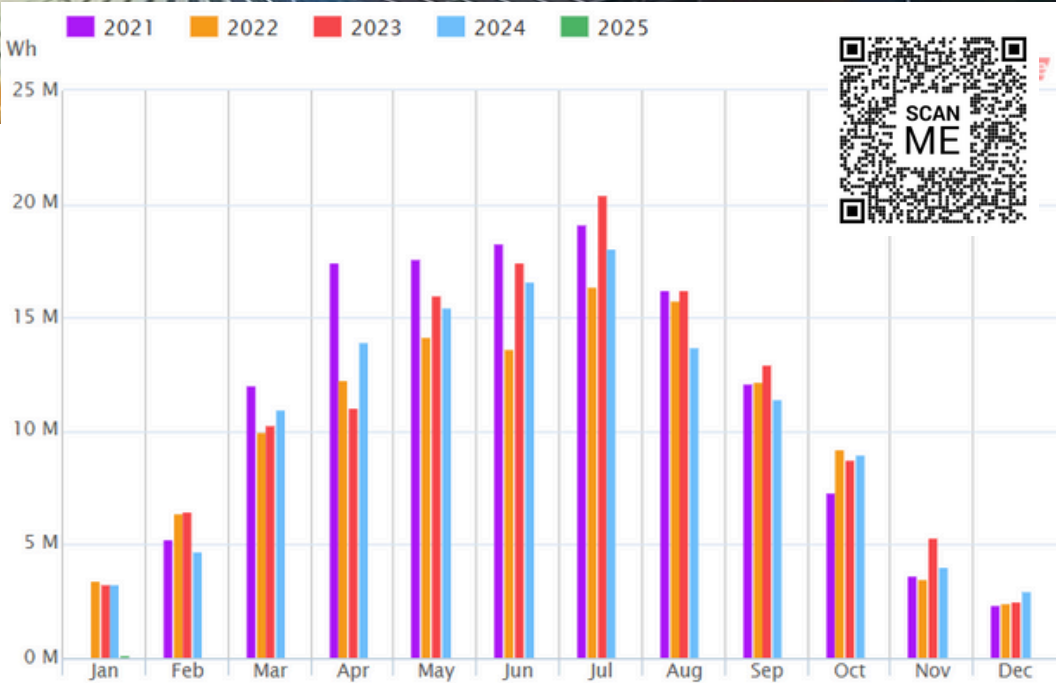
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In partnership with Good Shepherd Lutheran Church and Puget Sound Solar we completed installation of our newest community solar project. This 330 panel array supplies 100% of the church's annual electrical needs and was made possible by funds from WSU's Community Solar Expansion Program. All of the revenue generated by this installation goes to support the Thurston County Food Bank.

We celebrated the array coming online with a "Switch Throwing" ceremony at the church this past August during their annual Eco-Fair!

Thank you to all of our partners that helped make this project possible!

# HUMMINGBIRD COMMUNITY SOLAR



Opening Balance: \$3,676

2024 Electricity Revenue: \$15,340

2024 Expenses: \$6,092

Withheld for 2025 Expenses: \$1,564

**Net Income: \$11,360**

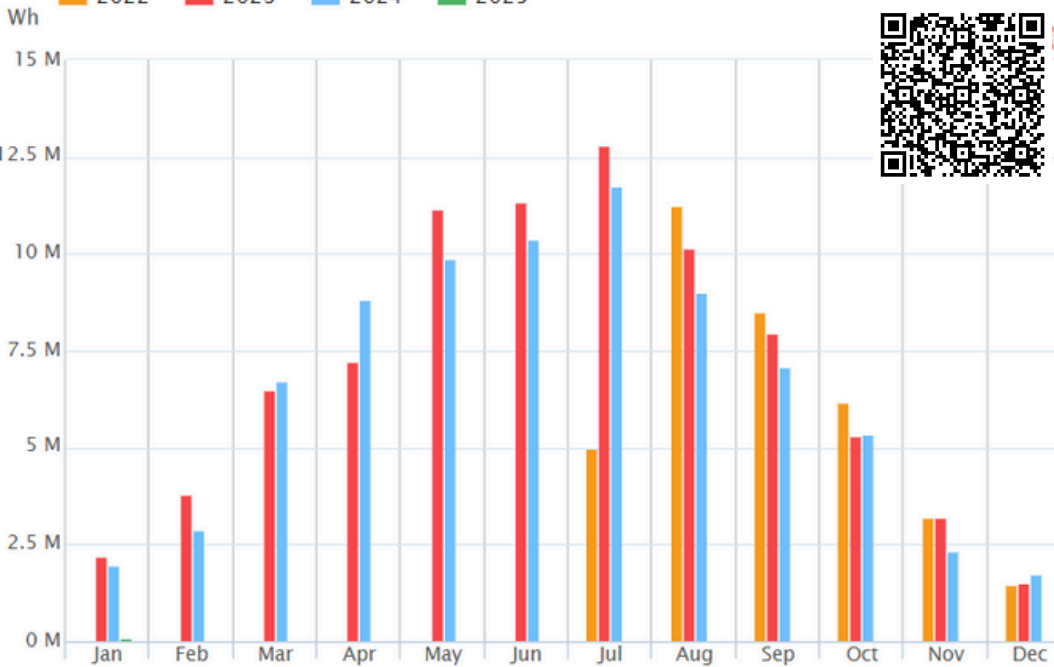
Number of Solar Units: 710

**Revenue Per Solar Unit: \$16.00**

# SUNLOWER PROJECT



■ 2022   
 ■ 2023   
 ■ 2024   
 ■ 2025



Opening Balance: \$5,966

2024 Electricity Revenue: \$10,917

2024 Expenses: \$3,257

Withheld for 2025 Expenses: \$4,582

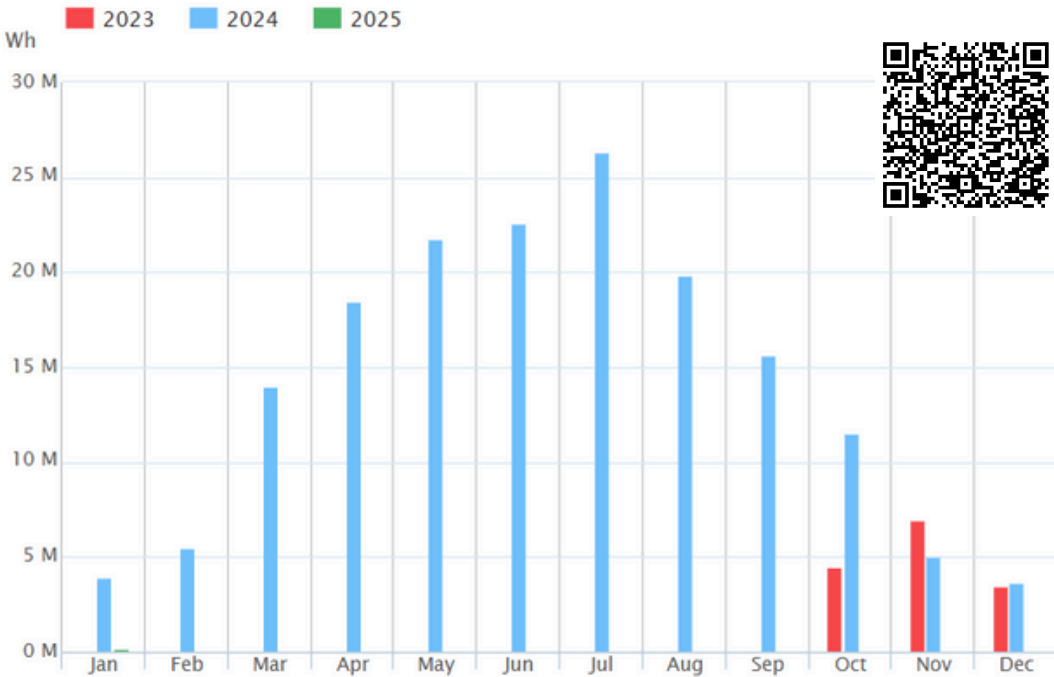
**Net Income: \$9,044**

Number of Solar Units: 476

**Revenue Per Solar Unit: \$19.00**



# THURGOOD MARSHALL COMMUNITY SOLAR



2023 + 2024 Electricity Revenue: \$20,780

2024 Expenses: \$3,111

Withheld for 2025 Expenses: \$2,661

**Net Income: \$15,008**

Number of Solar Units: 536

**Revenue Per Solar Unit: \$28.00**



# THANK YOU DONORS!

The Tides Foundation

The Tharp Family

The Moon Family

Trudy Soucoup

Brian Wilcox

Nisqually Charitable Fund

A&R Solar Employees

Community Foundation

of the South Puget Sound

Olympia Federal Savings

Mismatched Socks Fund

Jon Lange

Janine Lange

Howard Lamb

Jaime Sasse

Jason Duensing

Alan Blackstock

Chris Yockey

Mike Pogorzelski

John Rolph

Richard Moon

Lee Ann Gekas

Ruby Moore-Bloom

Frank Turner

Lillian & Douglas Ryan

EJ Zita

Randi Covin

Mary Beth Lang

Chris Hawkins

Shelley Kirk-Rudeen

Celia Nightingale

Ann Vandeman

Joanne Stellini

Kathy Cox

Beth Harvey

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Rachel Friedman

Russell Fox

Kathleen Bauknight

Kyle Nicholas

Mary Beth Harrington

Zachery Miller

Ahmed Noor

Lynne Bannerman

Kathryn Kasimor

Natasha Hays

Sayre Hodgson

# 2024 BOARD OF DIRECTORS

**Katrina Taylor**



**Adam Powers**



**Adam Harrison**



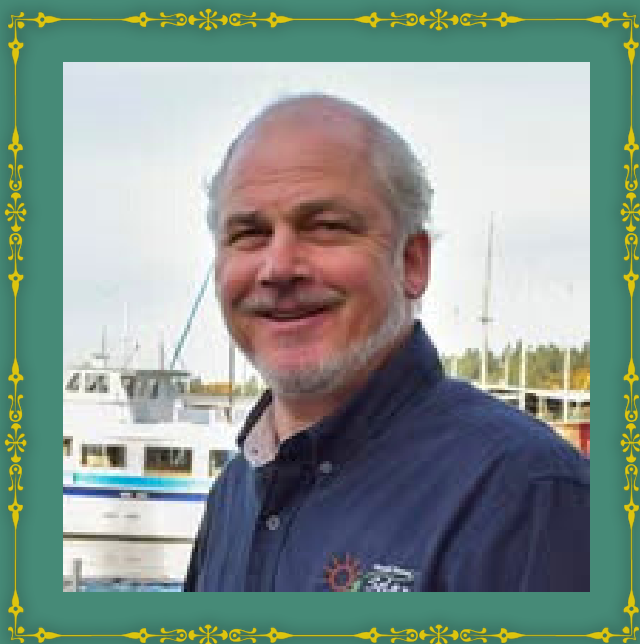
**Connor Tibke**



Interested in volunteering  
on our board? Reach out to  
[info@olysol.org](mailto:info@olysol.org)



# IN LOVING MEMORY



# KIRK L HAFFNER

October 18th 1963 – July 20th 2024



# THANK YOU!

Olympia Community Solar  
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(360) 481-4020

The Orting Veterans Village Solar Installation

