

# Fox Valley Park District

Sustainability Initiatives – Solar Improvements

FVPD Mission *“To enrich our community with fun, diverse and safe park and recreation experiences through environmentally and fiscally responsible actions.”*





# Greenhouse Solar Improvements Project

- Utilize Greenhouse office roof to install solar panels to offset a portion of the annual utility spend.
- The District annually spent \$5-6K on electricity to operate the Greenhouse. Since the project completion in April of 2020 the District has benefited in a reduction in the annual electric utility spend by \$1K.



# Solar Powered Splash Pad

- Power splash pad using solar and battery.
- Eliminated the need for a new electrical service and monthly electric expense. A savings of \$8K in capital cost and \$300 annually in utility costs.

# 2022/2023 Solar Projects Scheduled

Facility	System Size	First Year Production	Electric Spend Reduction/year
Vaughan Athletic Center	425 kW DC	595,000	\$26,162
Prisco Center	143 kW DC	200,200	\$14,114
Eola Community Center	276 kW DC	386,400	\$27,241
Cole Center	140 kW DC	196,000	\$13,328

**Eola Community Center**



**Cole Center**



# Partners

