



Solar Alchemist

Spotless Panels, Peak Power · Southern Wisconsin's Owner-Operated Solar Panel Cleaning Company

(608) 571-4173 · mmason@solaralchemist.net · solaralchemist.net/commercial

WHO WE ARE

Owner-operated solar panel cleaning for commercial, agricultural, and government arrays across Southern Wisconsin. Fully insured, OSHA-certified, manufacturer-approved methods. Custom written bid in your inbox within one business day — every time.

- **Cleaning method:** pole-fed deionized water + soft-rotary brush + biodegradable soap. Zero chemicals, zero foot traffic on the glass, zero warranty risk.
- **Scale:** comfortable across 200- to 5,000+ panel arrays. Rooftop, ground-mount, agricultural, and elevated / canopy installations serviced.
- **Lift capability:** canopy and elevated arrays beyond standard reach are serviced with rented lift equipment — no site is too complex to bid.
- **Documentation:** before/after photo documentation on every visit, every site.
- **Contracts:** one-time, annual, and bi-annual maintenance options priced alongside the one-time bid.

REFERENCE INSTALLATION · GOVERNMENT

Wisconsin State Capitol Rooftop Solar Array

Independently measured **+16.7% production lift** on the Capitol's 16-year-old rooftop array after a single warranty-safe cleaning — pole-fed deionized water, soft-rotary brush, zero foot traffic on the glass. Documented before/after production data on file. Individual site results vary.

PROCUREMENT-FRIENDLY

- **COI & W-9** provided on request
- **Net-30 invoicing** standard on commercial accounts
- **Multi-site contracts:** one COI, one W-9, one contract
- **Custom AP-cycle billing:** monthly, quarterly, or per-visit
- **Insurance carried:** general liability + workers' compensation + inland marine
- **OSHA-certified** owner-operator team
- **Actively pursuing municipal / federal contract vehicles** (SAM.gov registered, Focus on Energy Trade Ally)
- **Response SLA:** written bid within 24 hours (one business day)

WHY IT PAYS OFF

NREL Fleet Performance field data documents a typical **5–15%** annual production loss to soiling on commercial arrays — up to **15–20%** in agricultural and industrial zones. Rain rinses loose dust but bakes hard-water and pollen residues into a persistent film. Cleanings help recover that lost production and extend the useful life of your solar asset.

We never guarantee a specific percentage of recovery on any customer's system — every array's real loss depends on age, tilt, shading, and local debris. We frame value based on published research and cited before/after case studies, not promises.

Sources · NREL 2024 Soiling Study (docs.nrel.gov/docs/fy24osti/88769.pdf) · EIA WI commercial retail rate (eia.gov) · IEA-PVPS Soiling Task

Request Your 24-Hour Written Bid → solaralchemist.net/commercial · (608) 571-4173