

The Solar Owner's Spring Maintenance Checklist



Panel Cleaning & Inspection	☐ Clean Panels: Remove dirt, debris, or snow that could block sunlight.
	☐ Inspect: Look for any cracks, scratches, or wear on the surface of the panels.
	☐ Check Shading: Ensure there are no new obstructions causing shade on the panels.
System Check & Performance Monitoring	☐ Inspect inverter: Look for error codes, warning lights, or signs of malfunction.
	☐ Monitor output: Compare current energy production with expected performance.
	☐ Test battery: Ensure the battery is charging properly and is in good condition.
Electrical Connections & Wiring	☐ Inspect wiring: Look for wear, frays, or signs of corrosion and replace if needed.
	☐ Check fuses: Ensure all fuses are intact and connections are secure.
	☐ Verify grounding: Ensure system grounding is properly connected.
Pest & Rodent Prevention	☐ Check pests: Inspect for nests, droppings, or other signs of pests around panels.
	☐ Seal gaps: Seal cracks and holes around panels, wiring, and inverter to prevent entry.
	☐ Secure equipment: Store tools and equipment safely, ensuring they're protected.
System Upgrades & Improvements	☐ Update firmware: Check for available updates for the inverter or monitoring system.
	☐ Reassess tilt: Adjust the panel tilt to maximize sunlight exposure throughout the day.
	☐ Install optimizers: If not already in place, consider adding optimizers for performance.