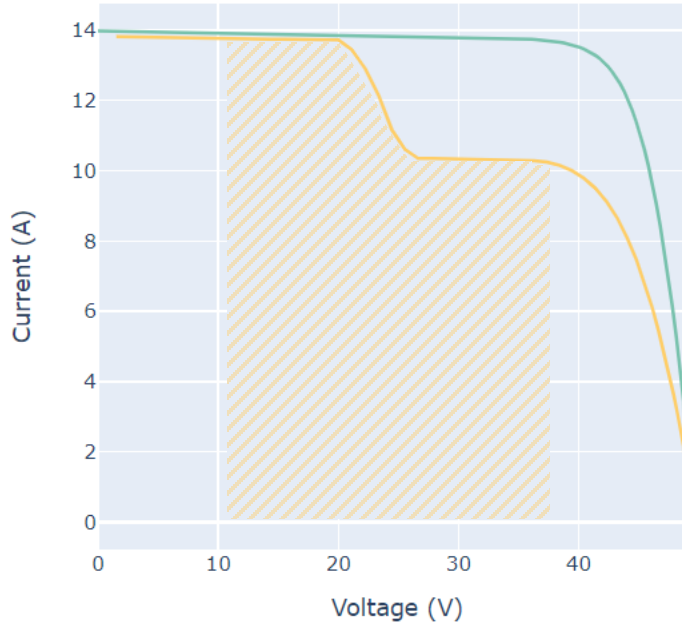# PV Ivy: Automated Solar IV Curve Diagnostics

An Expensive Problem

Every year, thousands of PV installations worldwide degrade faster than expected, leading to millions of dollars in lost revenue.

Traditional performance measuring tools leave operators guessing why.

The Growing Solution

PV Ivy is a web-based SaaS that leverages existing IV curve data to automatically detect **recoverable module soiling** and **nonrecoverable degradation** mechanisms, with **no new hardware needed.**

✓ Intelligent **curve-fitting algorithms** find module issues other tools miss
✓ Evaluates against **warrantied PV performance guarantees**
✓ Identifies & quantifies **inverter efficiency reductions**

Operators Save Big

✓ Improves performance & reliability
✓ Recovers lost revenue
✓ Reduces operational costs
✓ Streamlines maintenance processes

Team

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