Why SunPower Maintains an In-House Tool

SunPower systems are investments

- Customers need to know how much power and energy their system will produce over time
- SunPower needs to know how to price these systems
- SunPower needs to be able to demonstrate performance

SunPower selects, develops and assembles the best models

- Publicly available/published models (irradiance, Sandia performance, soiling)
- Proprietary models (tracking, shading, thermal, etc.)

Ongoing Validation

- PVSim accuracy is based on measured data from our vast fleet
- PVSim allows us to explicitly model our current, future and conceptual products with a high degree of accuracy
PVSim v1 – Introduced at the Previous Workshop
PVSim v2.3 – Current Release & Demo
Why SunPower Maintains an In-House Tool

How to register as a PVSim user

• Go to https://pvsim.sunpowercorp.com and click on the registration link to submit your request

Documentation & References