



Rich O'Connell, CEO

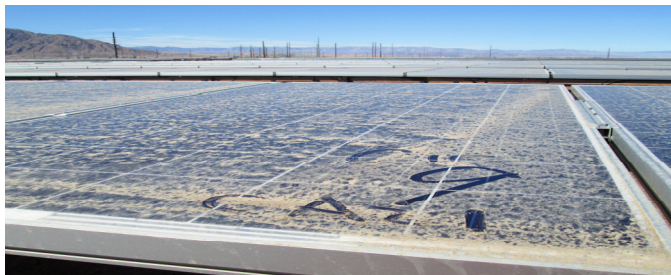
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SolarWash® announces the first fully Automated Photovoltaic Solar Panel Cleaning System

- **SolarWash®** system is a distributed automated cleaning system with personalized flexibility for any individual PV systems ' requirements
- **SolarWash®** is currently designed to be retrofitted to single axis trackers using the existing tracker power and network connection to power and control the **SolarWash®** units.
- **SolarWash®** units are programmed to power up and turn on all at one time, enabling a plant operator to wash all the panels in the array at the same time regardless of the physical size of the photovoltaic plant. Power usage is 3.2 kW when in operation.
- **SolarWash®** uses Human Machine Interface (HMI) software to allow initiating cleaning with most popular mobile devices as well as integration into the existing plant SCADA software.
- Cleaning set points can be decided and programmed by the Operations staff in response to the output of the PV system.
- **SolarWash®** units can use "Non-Soap" based cleaning solutions such as **PolyWater®** without any equipment degradation of the **SolarWash®** components or breach of warranty issues.

SolarWash® Calculations per 20MW Block Manual Cleaning vs SolarWash® Automated Photovoltaic Solar Panel Cleaning System



Average industry standard cost of 1 Manual cleaning per 20MW Block per year: \$60,000

Number of **SolarWash®** cleaning equals 26 for every 1 manual cleaning at \$60,000

< 3 years payback from initial investment

Qualifies for the Federal ITC 30% tax deduction



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