

WHY DATA AND CONNECTIVITY MATTER TO ENSURE QUALITY

PV Magazine Quality Roundtable SPI - September 26, 2018

Dr. Arathi Gopinath, Asset Performance Manager, NEXTracker

Company Overview

- Founded in 2013 by veteran solar entrepreneur, Dan Shugar
- 14.5 GW's contracted or delivered to date
- Acquired by Flex, an investment grade company with \$25B annual revenue
- #1 global market share leader in solar tracking category three consecutive years (GTM, IHS)

How We Use Data

Tracker Slew Drive



Metal Debris



Gear Wear

Connectivity is Key

- NX Data Hub: data driven analytics
- TrueCapture smart control system: greater energy production
- Cyber security through Flex's SmartNexus, bidirectional data pipeline
- Natural disasters are more frequent, and more fierce
- Lower O&M costs

Our Data Analysis Methodology

- Analyze available data
- Determine trends
- Create signature
- Use signature to find issues
- Create work order, evaluate cost vs. action