

## Suggestions for Quality Assurance Methodology

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Instead of relying exclusively on PV measurements, we should include physical changes at various interfaces for gauging the modifications that are taking place.

Should also apply the principles of Physics of Failure to elucidate failure modes and mechanisms.



- Compare arrays reaching high positive and negative voltages with individual modules biased to high voltages in the hot and humid conditions.
- Should stress the importance of latitude tilt, periodic cleaning and visual inspection and I-V measurements.
- This comparison would result in direct correlation and acceleration factors with good statistics.
- Presentation in the SPIE PV Reliability Conference at San Diego, CA next month.





