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# *Suggestions for Quality Assurance Methodology*

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## *Quality Assurance Methodology*



- ☀ 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.



# *High voltage Bias Testing*



- ☀ 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.



# *Questions & Comments*

