



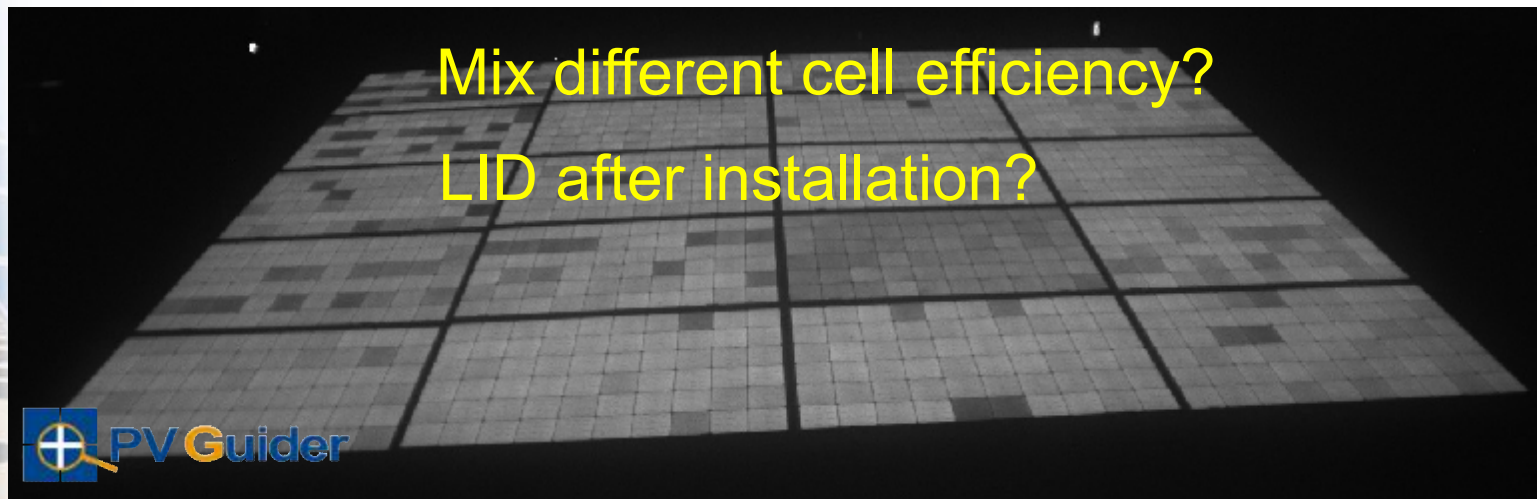
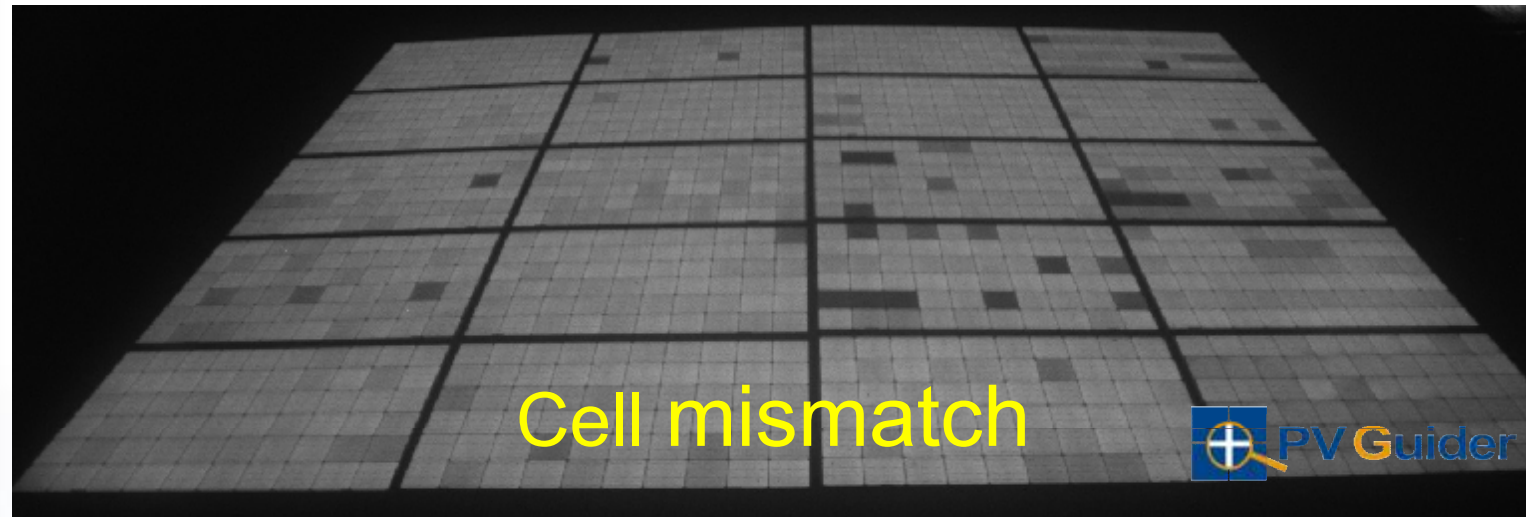
LID of PERC cells

Jay Lin/ PV Guider

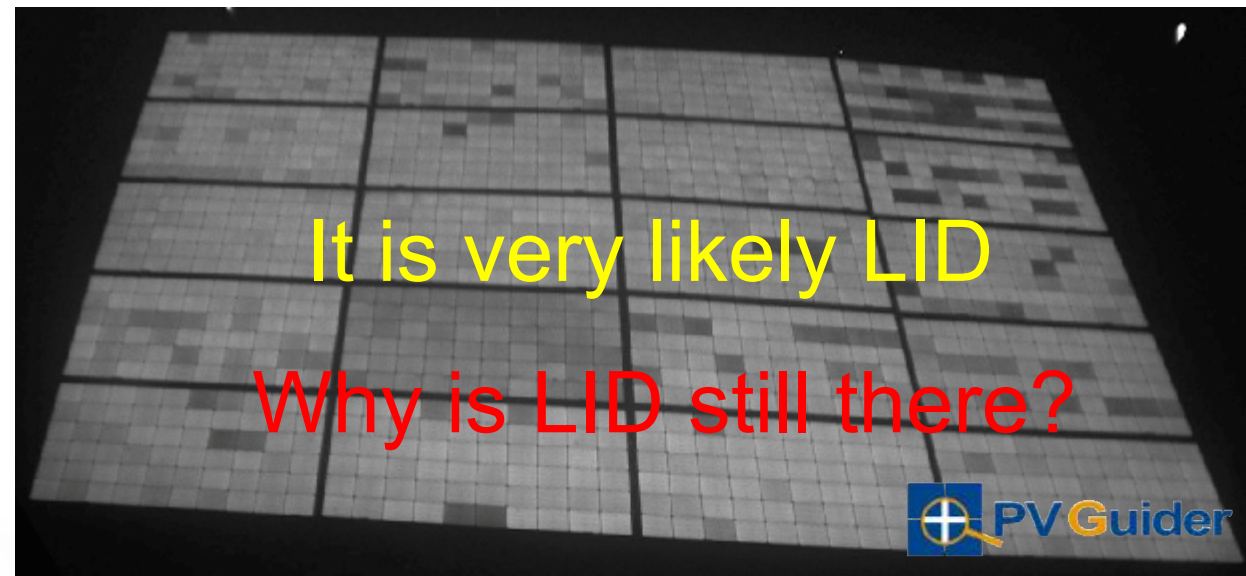


Keep Green Gold Shining!

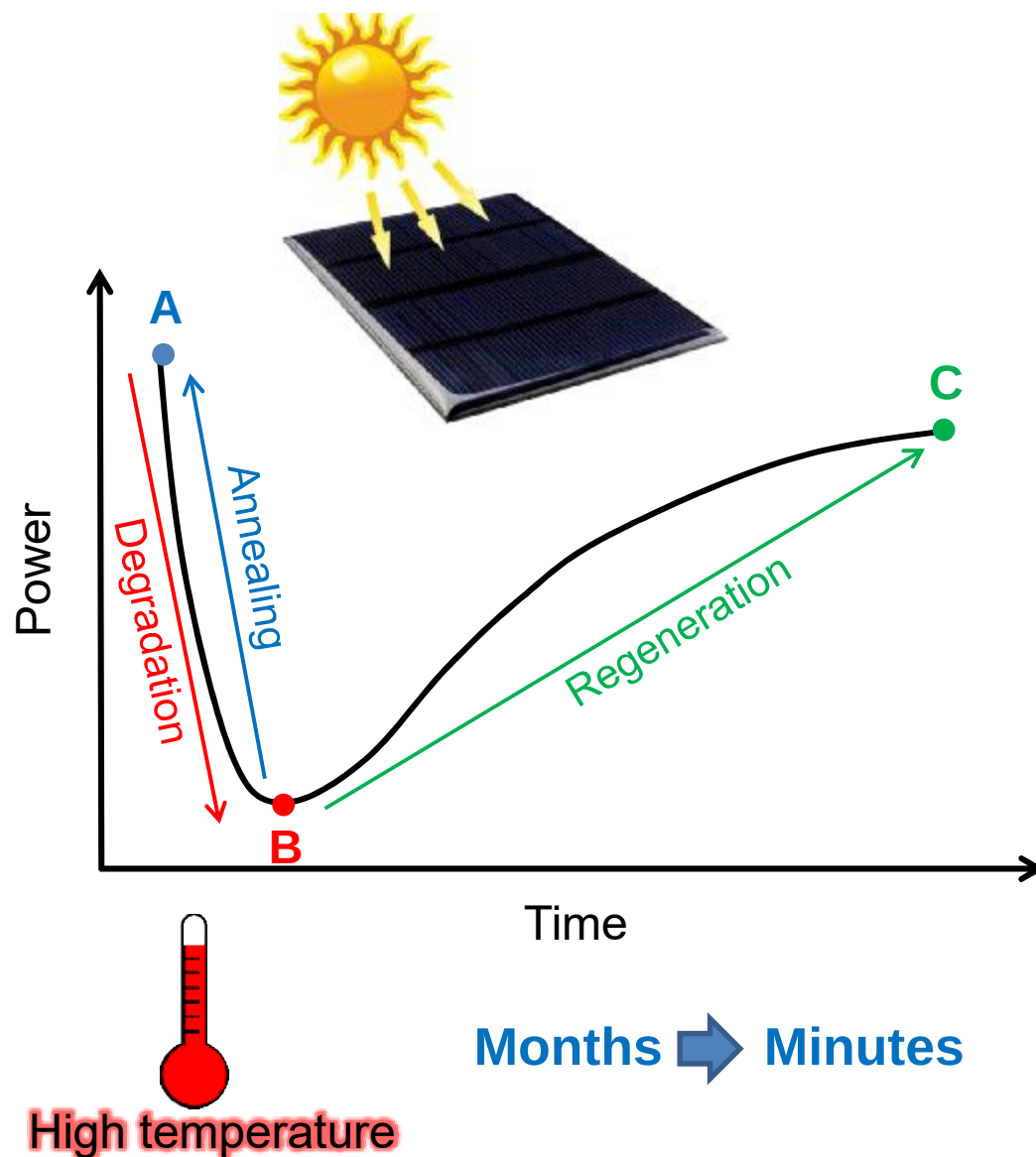
On-site EL



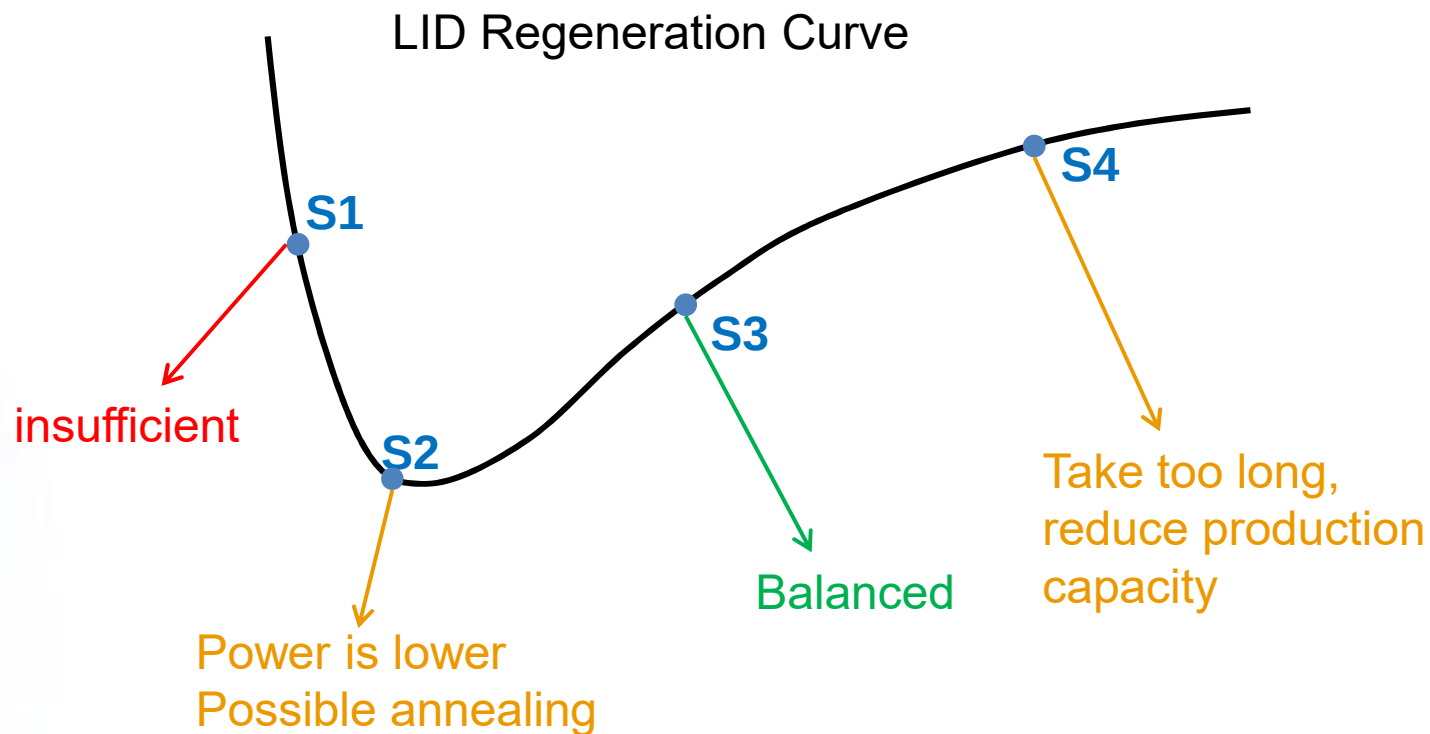
EL Before Installation



LID Regeneration Curve



Mass Production

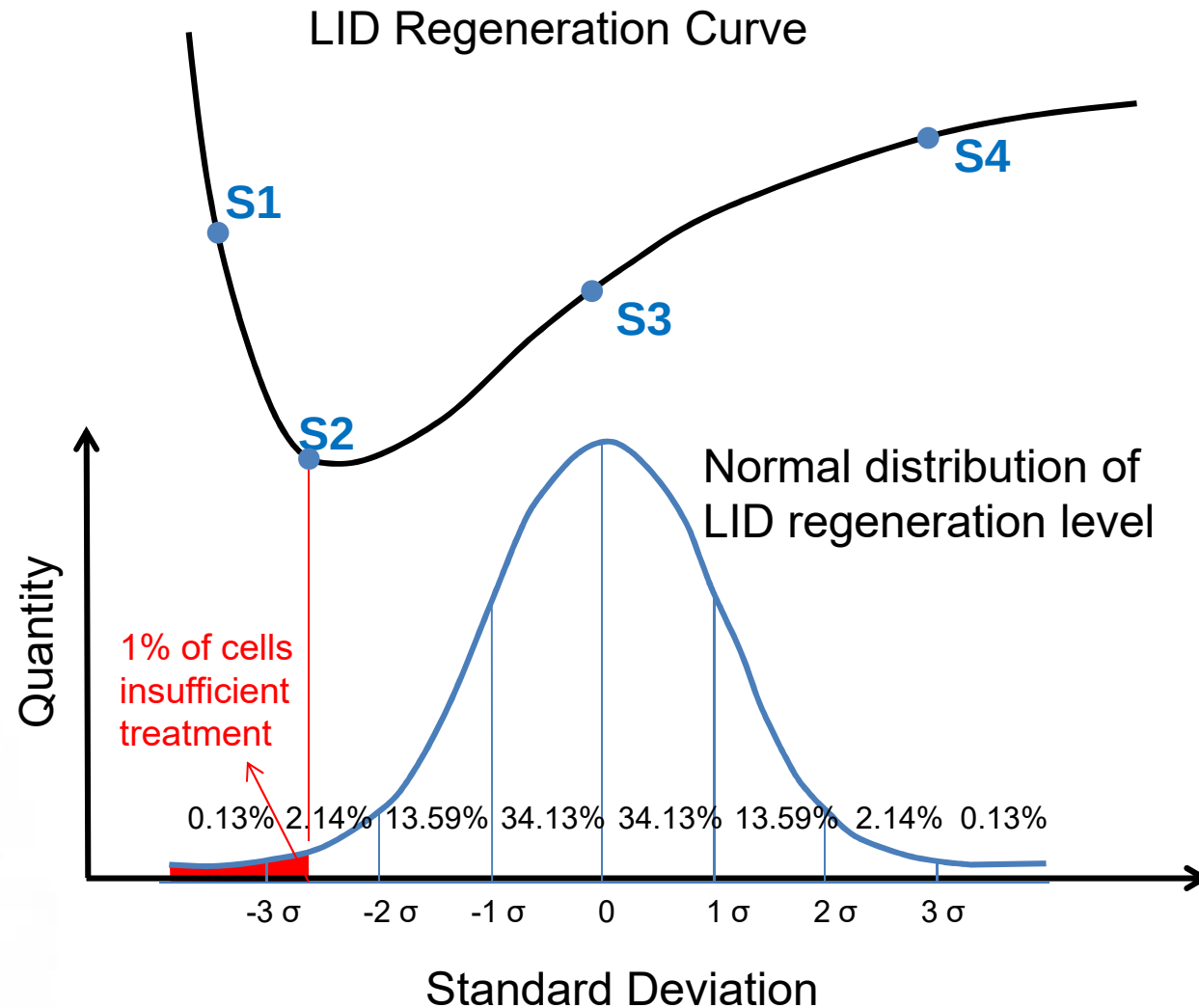


Is the LID treatment sufficient?

What about mass production?



Mass Production



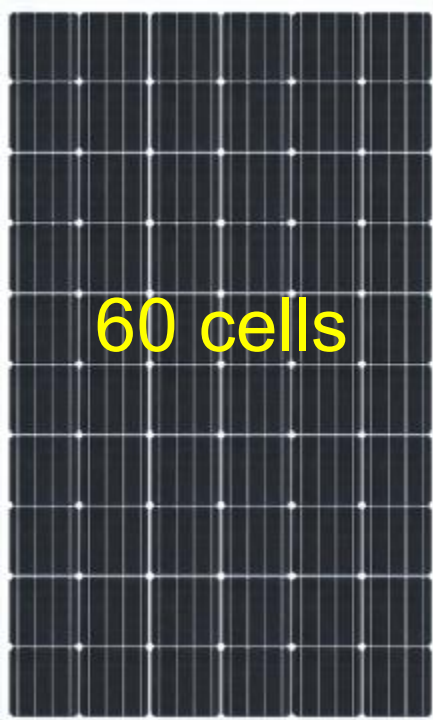


1% good enough?

1% of cells
insufficient
treatment



99% of cells
No LID problem



60 cells

The probability of a module with **NO** LID cells

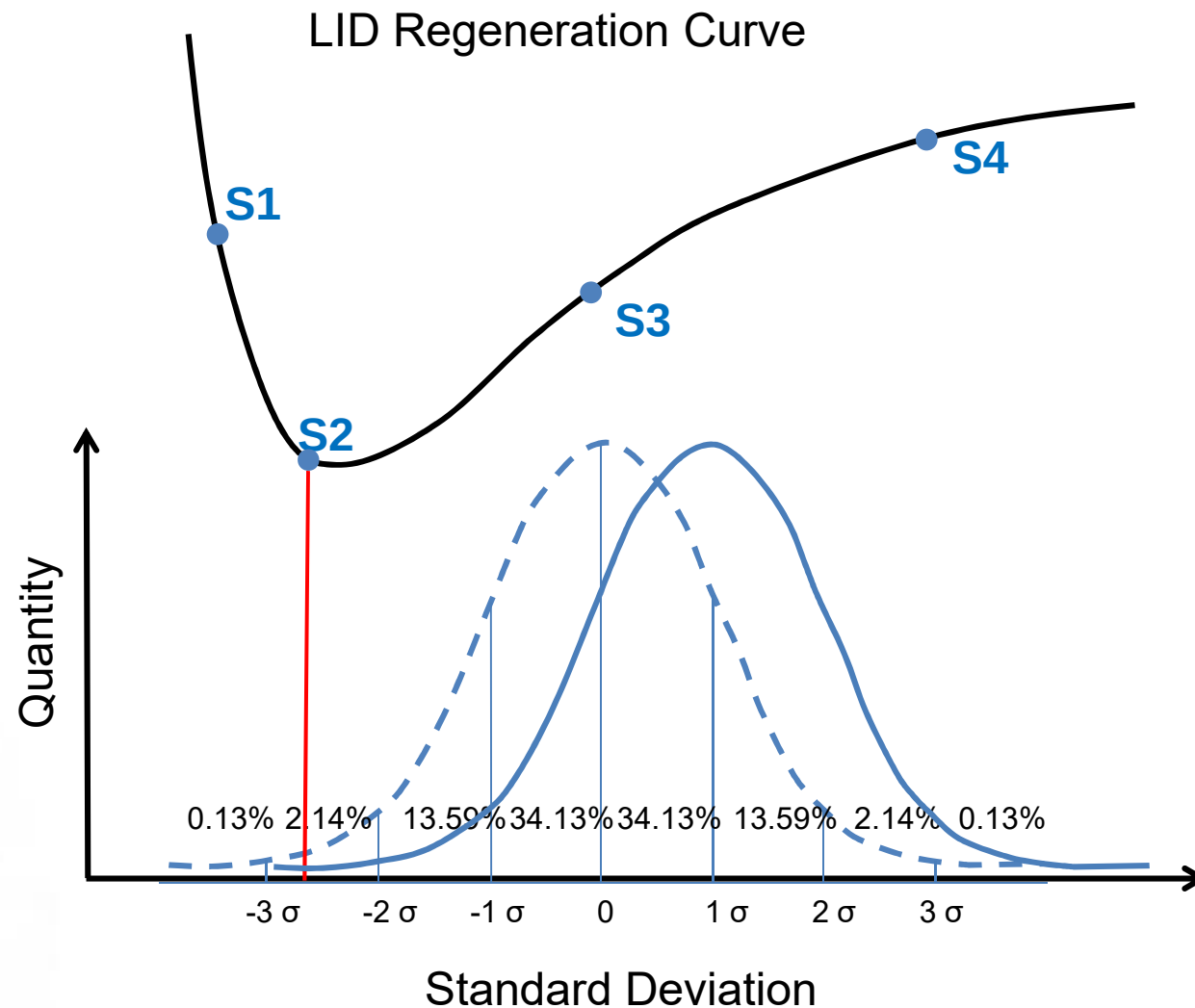
$$(99\%)^{60} = 54.7\%$$

The module with **at least one** LID cells

45.3%

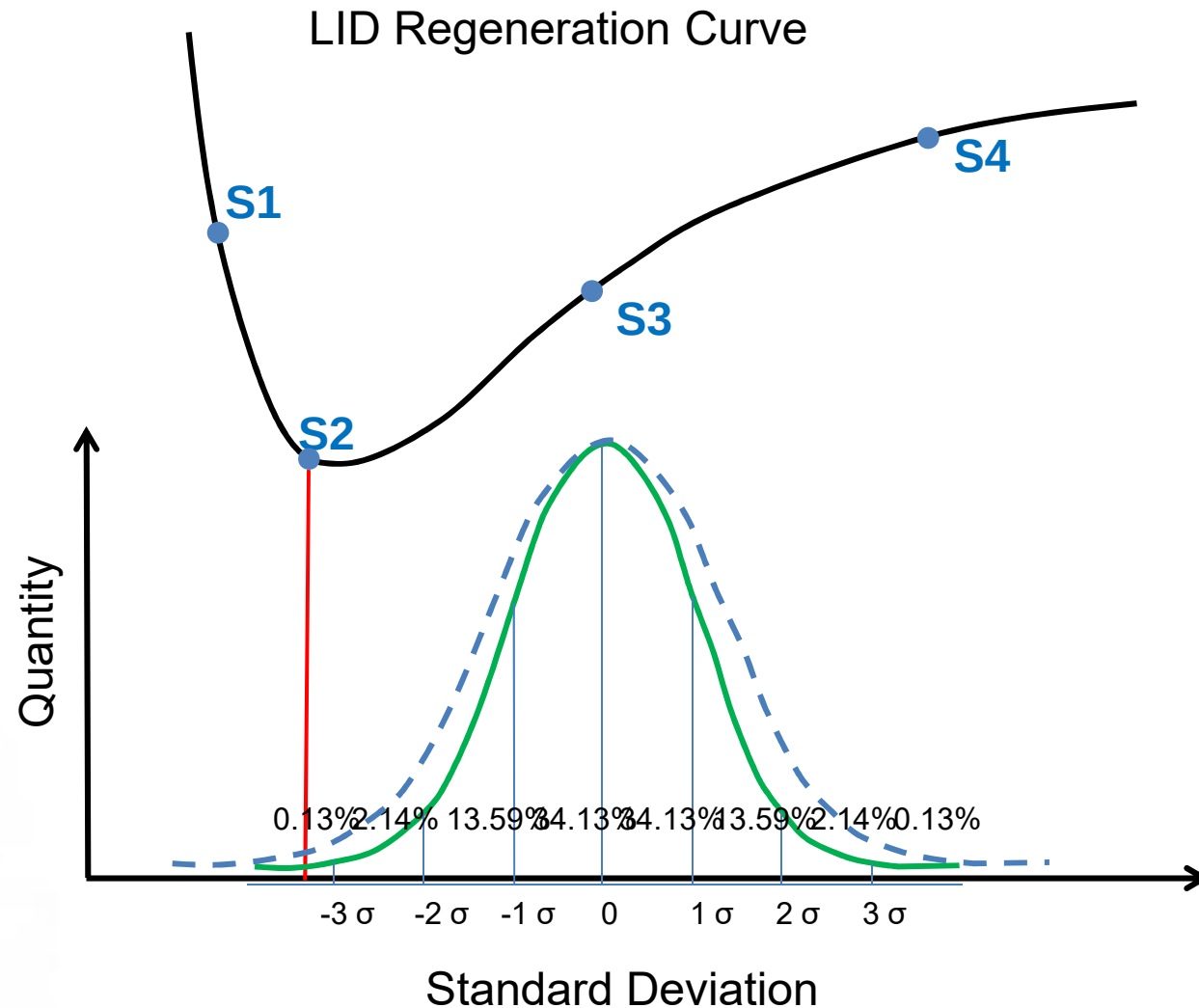


Solution 1- More Treatment





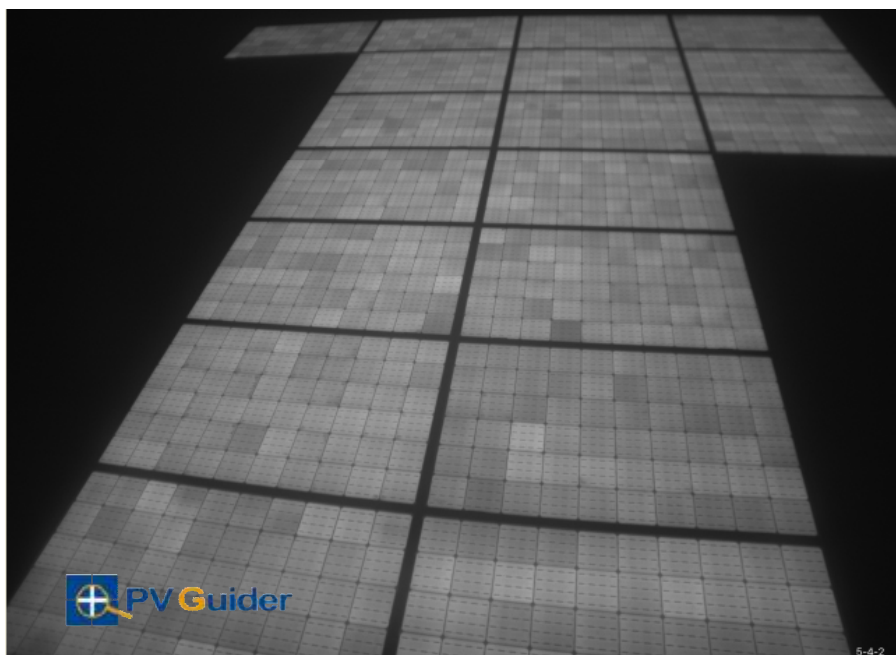
Solution 2- Less Variation



It is achievable



Another system using
PERC cells with less LID





Keep Green Gold Shining

Jay Lin

Chief Consultant/PV Guider