

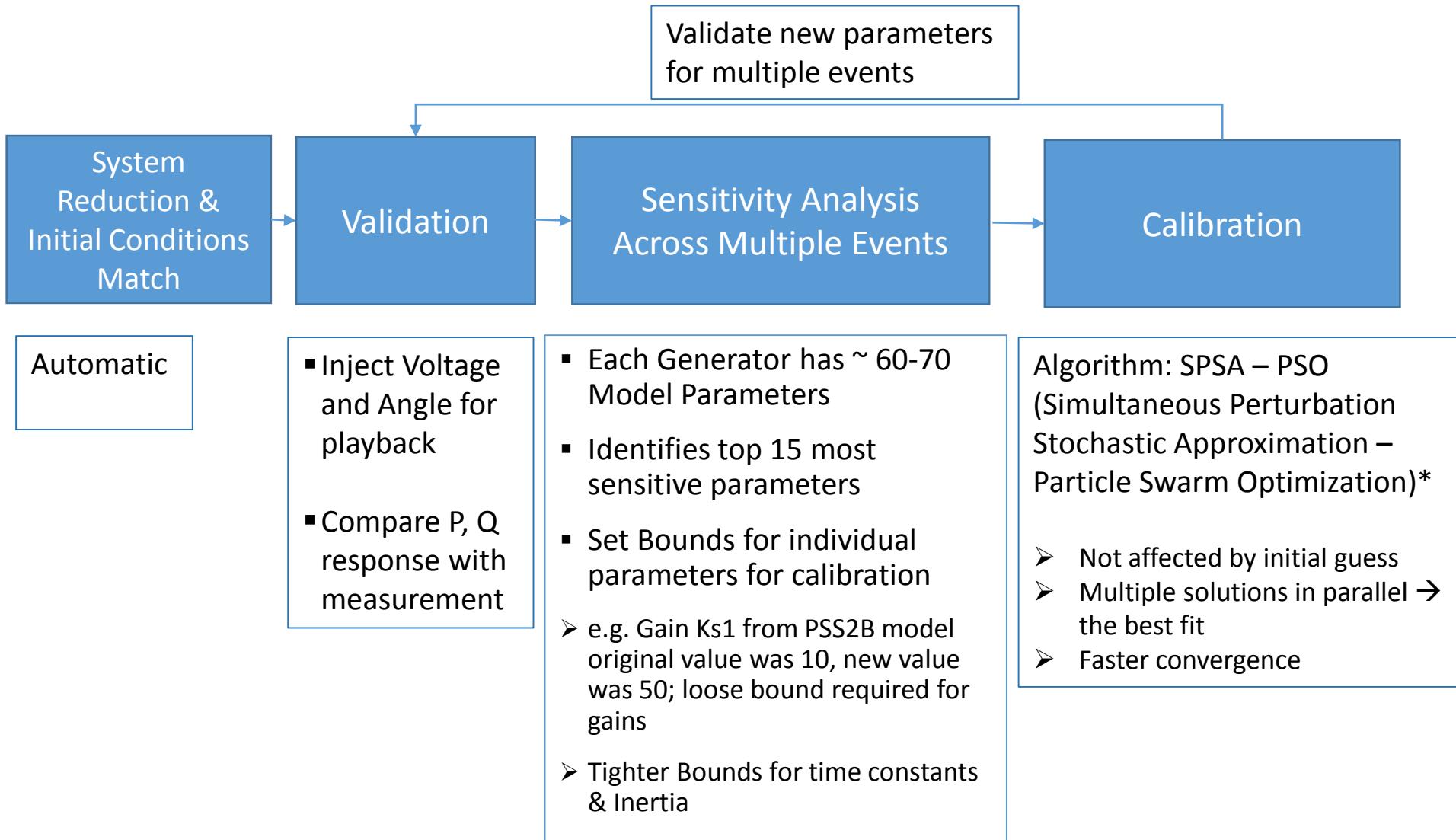
Generator Parameter Validation & Calibration Tool

Neeraj Nayak and Kevin Chen

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Methodology



Key Takeaways

- Non-uniqueness of Calibration Results
- Engineering Judgment to Narrow Down Correct Parameter Values
 - > Running optimization multiple times
 - > Tighten range for narrowing down on correct parameter values
 - > Different Bounds for Different Parameters
- Validating Calibration Results with Multiple Events
 - > Identify most sensitive parameters across all events
 - > Use few events to calibrate and all events to validate



Red – Top 5 Most Sensitive Parameters

Yellow – Next 5 Most Sensitive

White – Remaining Parameters - 11 onwards

Green – Least Sensitive

Thank You!

Neeraj Nayak

nayak@electricpowergroup.com

Heng (Kevin) Chen

chen@electricpowergroup.com

Electric Power Group (EPG)

201 S. Lake Ave. Suite 400

Pasadena, CA 91101

(626) 685 2015