

**DOCKETED**

<b>Docket Number:</b>	21-ESR-01
<b>Project Title:</b>	Energy System Reliability
<b>TN #:</b>	243174
<b>Document Title:</b>	Presentation - CAISO Reliability Workshop Summer Analysis
<b>Description:</b>	N/A
<b>Filer:</b>	Courtney Wagner
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	5/20/2022 8:17:19 AM
<b>Docketed Date:</b>	5/20/2022



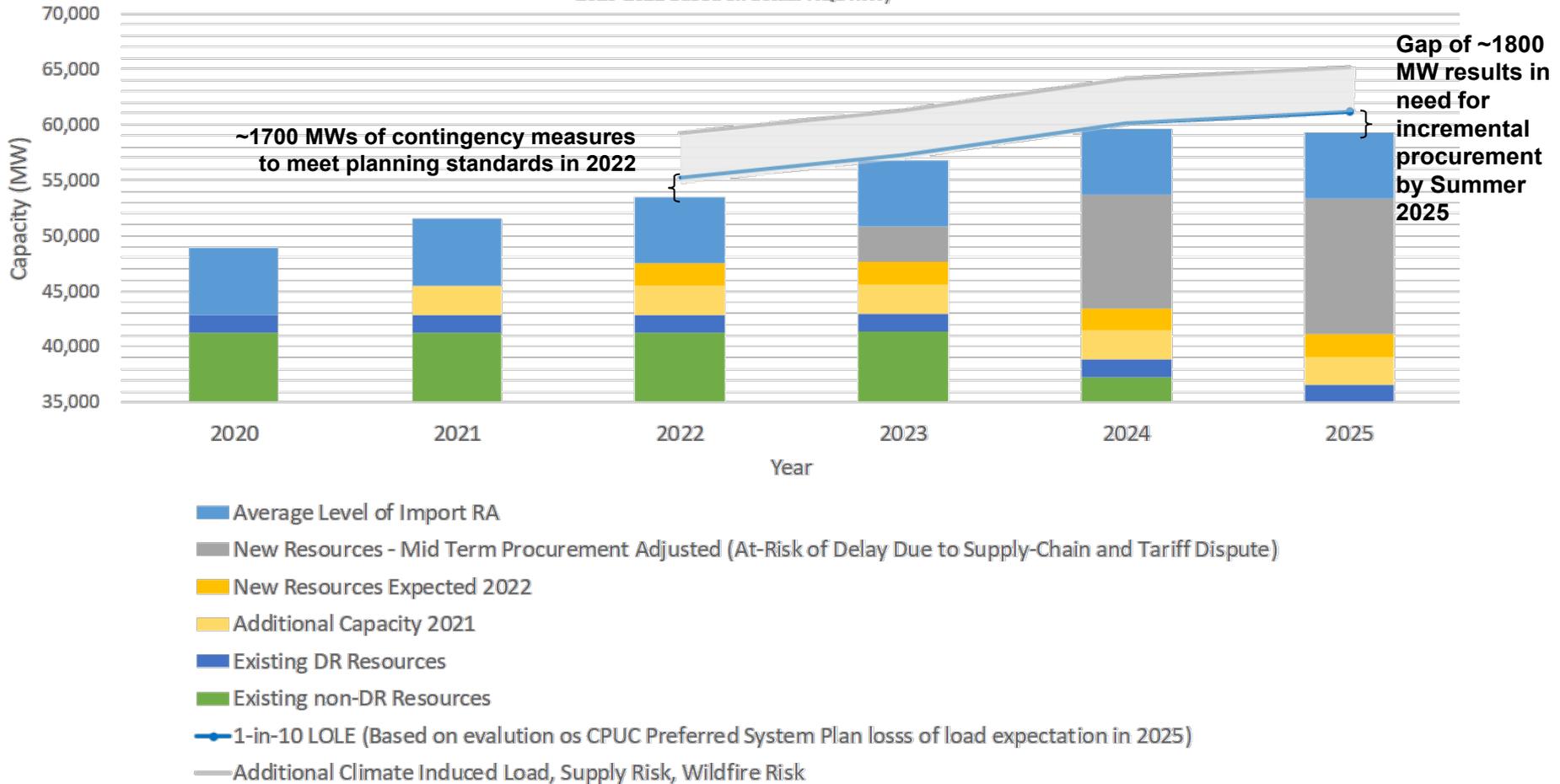
# Summer and Midterm Stack Analysis

Neil Millar  
VP, Infrastructure and Operations Planning

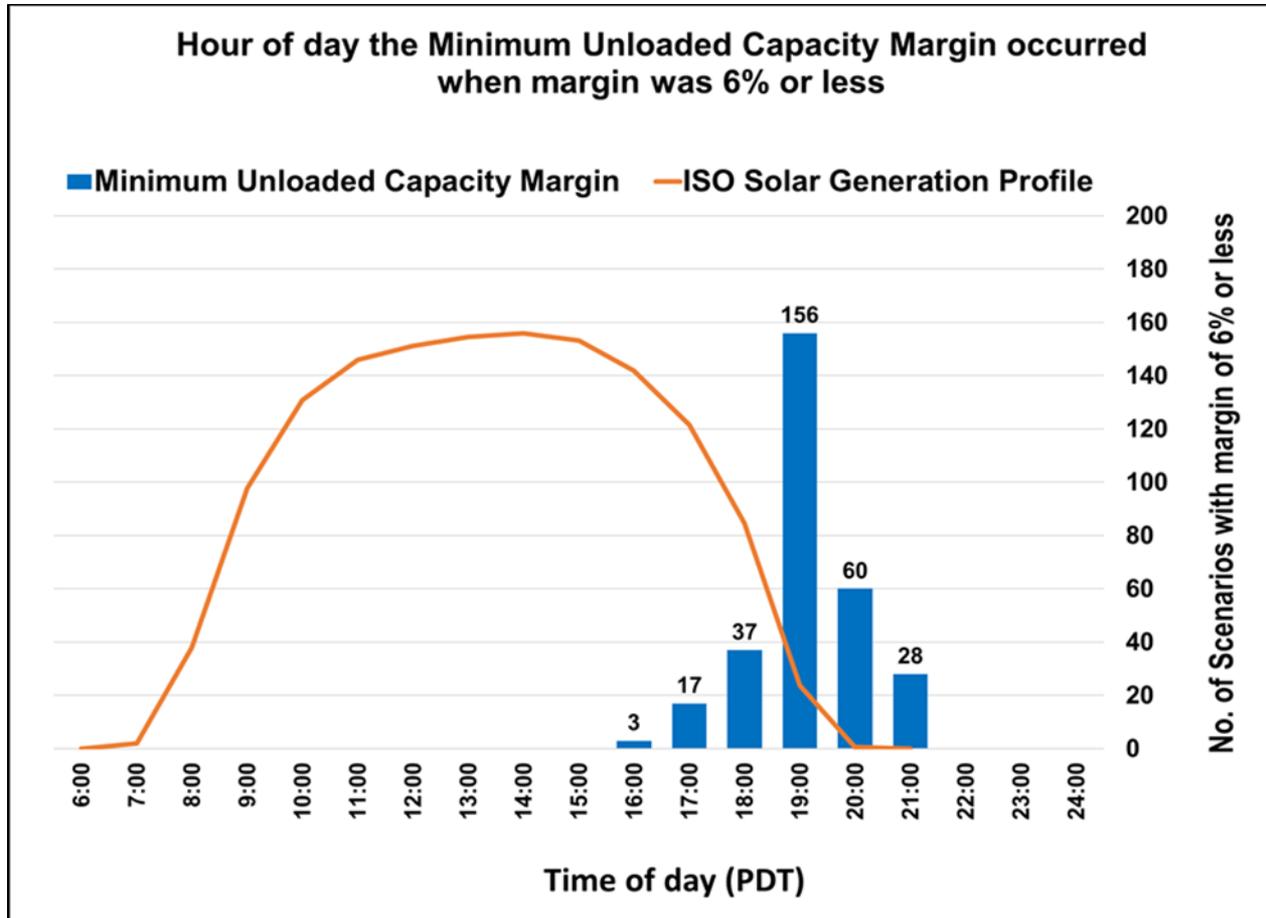
**Staff Workshop on Summer and Midterm Reliability, Session 1**  
**California Energy Commission**  
**May 20, 2022**

# September peak conditions 2022-2025

Comparison of Capacity vs Performance Target  
 (2022-2025 Based on September 8pm authorized procurement NQC MW)  
 2020-2021 Based on actual NQC MW)



# 2022 Summer Assessment indicates 7pm-8pm challenges



- 81% percent of the minimum reserve margins occurred during the hours ending 19:00 to 21:00 – hours of little to no production from solar resources.