BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Oversee the Resource Adequacy Program, Consider Program Refinements, and Establish Annual Local and Flexible Procurement Obligations for the 2019 and 2020 Compliance Years.

Rulemaking 17-09-020 (Filed September 28, 2017)

NOTICE OF *EX PARTE* COMMUNICATION OF THE CALIFORNIA ENERGY STORAGE ALLIANCE

Donald C. Liddell DOUGLASS & LIDDELL 2928 2nd Avenue San Diego, California 92103 Telephone: (619) 993-9096 Facsimile: (619) 296-4662 Email: <u>liddell@energyattorney.com</u>

Counsel for the CALIFORNIA ENERGY STORAGE ALLIANCE

October 25, 2017

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Oversee the Resource Adequacy Program, Consider Program Refinements, and Establish Annual Local and Flexible Procurement Obligations for the 2019 and 2020 Compliance Years.

Rulemaking 17-09-020 (Filed September 28, 2017)

NOTICE OF *EX PARTE* COMMUNICATION OF THE CALIFORNIA ENERGY STORAGE ALLIANCE

Pursuant to Rule 8.4 of the Rules of Practice and Procedure of the California Public Utilities Commission ("Commission"), the California Energy Storage Alliance ("CESA") hereby gives notice of the following ex parte communication.

On October 22, 2017, CESA's Executive Director, Janice Lin, gave a presentation titled the "Future of California's Energy Grid: Highly Renewable, Highly Flexible " (which is attached hereto as Appendix A) as a participant in a panel discussion titled "The Future of Energy Storage in the Aftermath of the Aliso Canyon Leak" at the 2016 Environmental Law Conference at Yosemite, sponsored by the State Bar of California Environmental Law Section located at the Tenaya Lodge in Yosemite National Park, California. The panel discussion in which Ms. Lin participated lasted from approximately 11:00 a.m. to 1:30 p.m.

Ms. Lin provided an overview of grid reliability challenges for California's current and future renewable energy mix, the importance of encouraging fast flexible resources to provide current and future ramping needs, and the strategic role of flexible resource adequacy enhancements that are urgently needed. Further, Ms. Lin explained the role of energy storage as a key component of the CAISO's flexibility tool kit in helping to maintain reliable and cost effective grid operations.

Commissioner Liane M. Randolph was also a participant in the panel discussion.

To receive a copy of this ex parte notice, please contact: please contact Michelle Dangott,

at 818.961.3003 or mdangott@energyattorney.com.

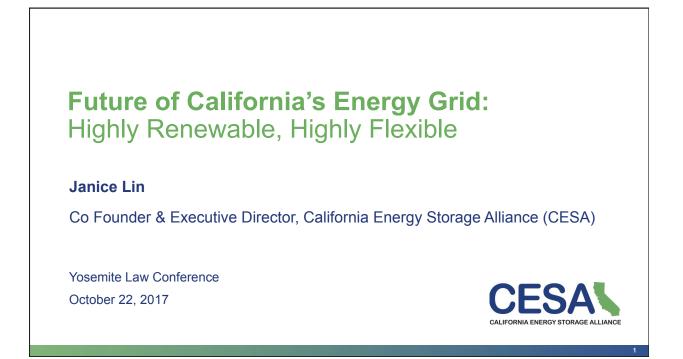
Respectfully Submitted

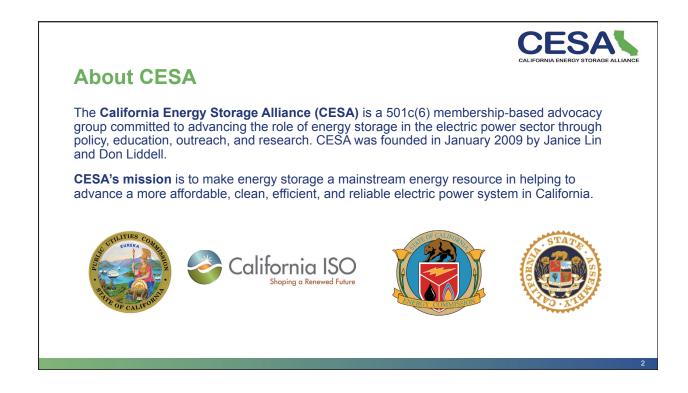
Donald C. Liddell DOUGLASS & LIDDELL 2928 2nd Avenue San Diego, California 92103 Telephone: (619) 993-9096 Facsimile: (619) 296-4662 Email: liddell@energyattorney.com

Counsel for the CALIFORNIA ENERGY STORAGE ALLIANCE

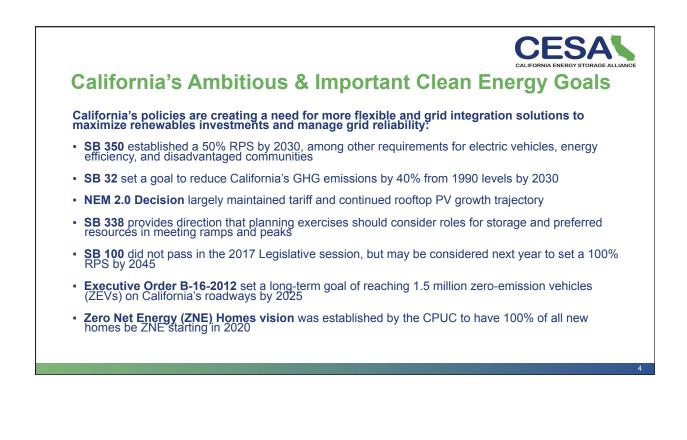
October 25, 2017

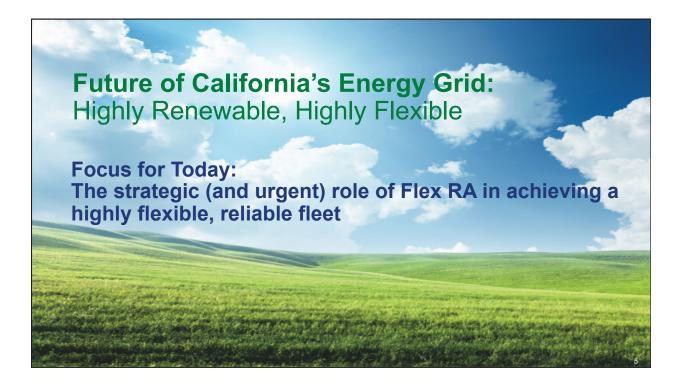
APPENDIX A







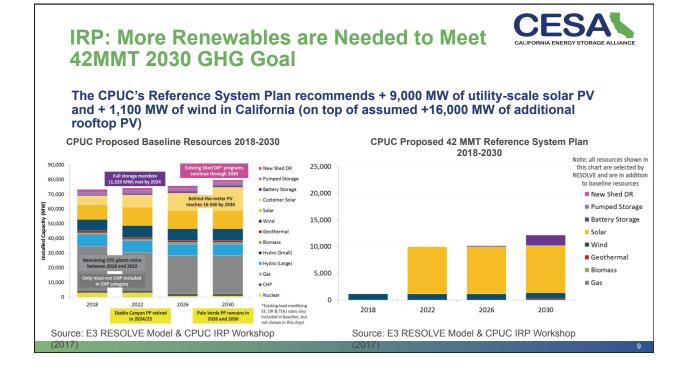


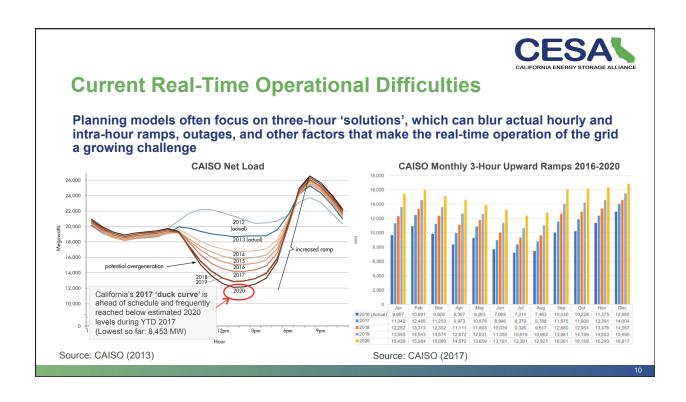


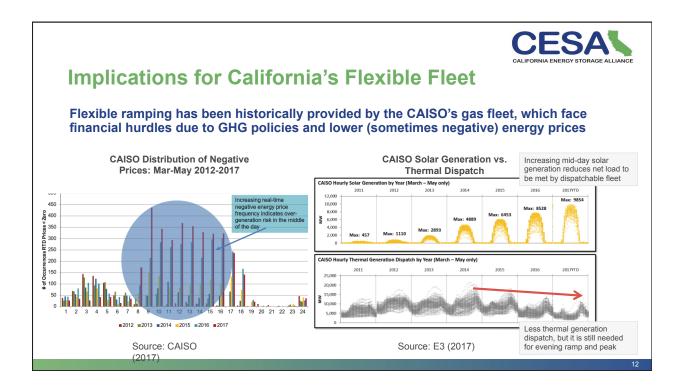


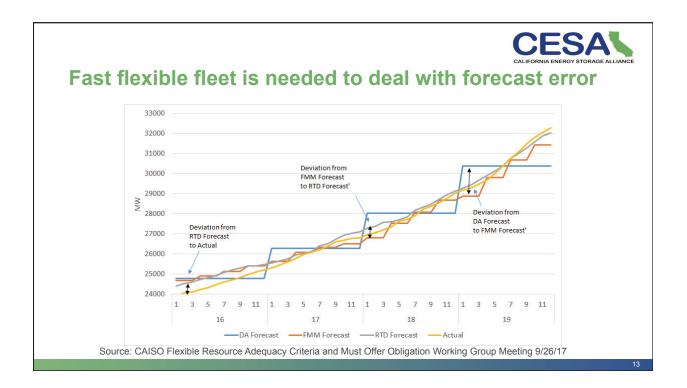
In < 8 months, 99.5 MW of energy storage was procured and operational to address reliability issues stemming from limitations of the Aliso Canyon gas storage facility				
SCE	AltaGas Services / Greensmith	20.0	80.0	12/31/20
	Powin Energy	2.0	9.0	12/31/20
	Tesla Energy	20.0	80.0	12/31/20
	GE / Wellhead	20.0	8.0	12/31/20
SDG&E	AES Energy Storage	37.5	150.0	1/31/20
	Total	99.5	327.0	

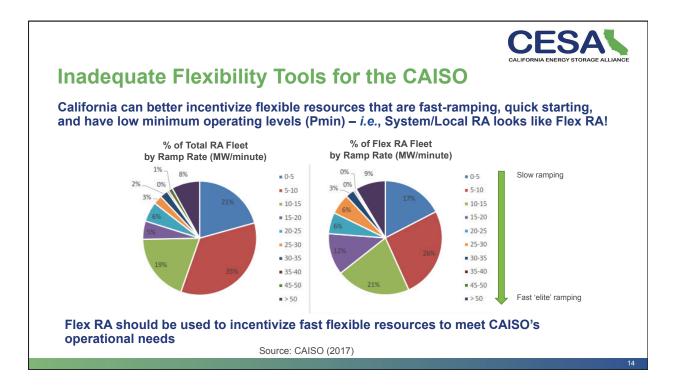


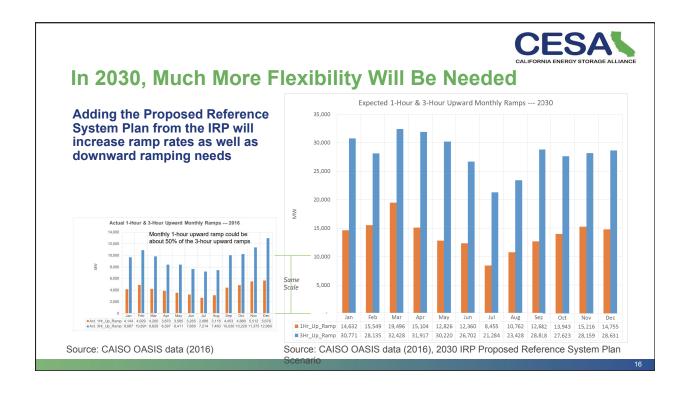


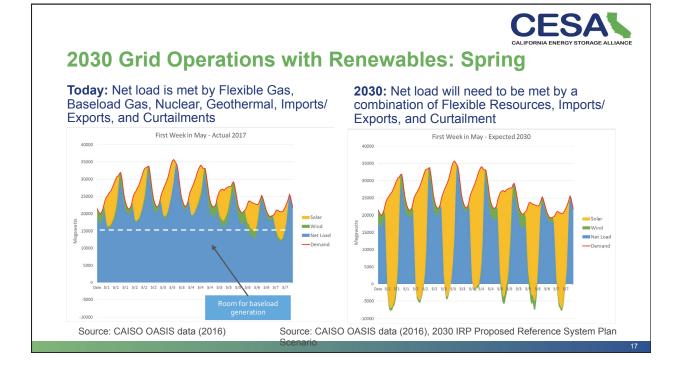


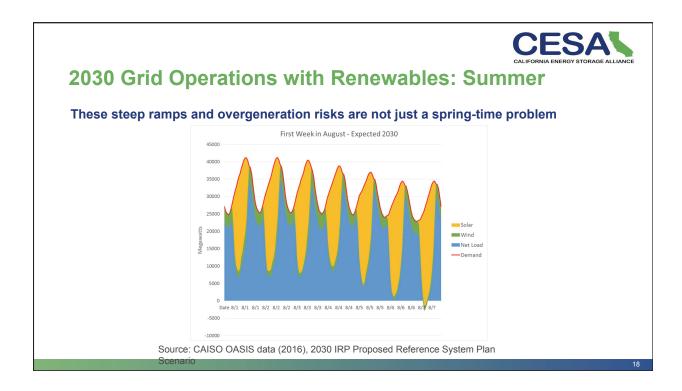


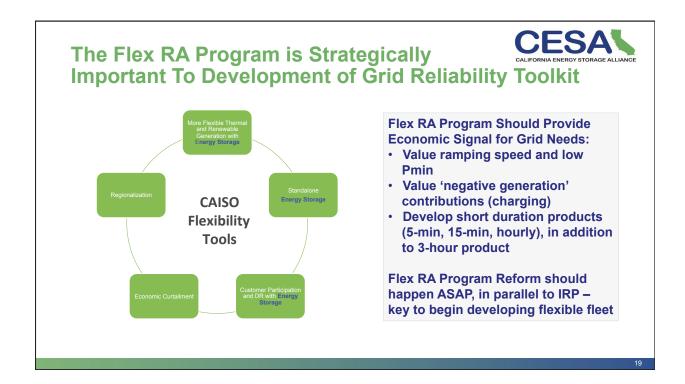














Key takeaways: Much more flexible resources are needed to reliably operate the grid Flex RA is strategically important to California's grid reliability Reform is urgently needed - should provide clear, non-discriminatory market signals so fast flexible resources can compete head to head against conventional resources Appropriate market signals will stimulate investment toward fleet with the necessary flexibility capabilities Energy storage is the ultimate flexibility tool for the grid

Thank You!

Questions?

Janice Lin

Co Founder & Executive Director, California Energy Storage Alliance (CESA)

jlin@storagealliance.org 415-595-8301





