

**DOCKETED**

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**on Workshop on Advancing Non-Lithium-Ion Long Duration Energy Storage Technologies**

Email with attachments. Letter is filed separately.

*Additional submitted attachment is included below.*

**From:** [Matthew Rothstein](#)  
**To:** [Energy - Docket Optical System](#)  
**Subject:** 19-ERDD-01 and Workshop on Advancing Non-Lithium-Ion Long Duration Energy Storage Technologies  
**Date:** Thursday, April 7, 2022 3:37:23 PM  
**Attachments:** [Lake County - Long-Duration Energy Storage - State Senate Budget Committ....pdf](#)  
[Lake County - Long-Duration Energy Storage - State Senate Budget Committ....doc](#)

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Good afternoon,

The County of Lake has been made aware that during yesterday's Workshop on Advancing Non-Lithium-Ion Long Duration Energy Storage Technologies, Chair Hochschild asked for suggestions regarding program design.

As Chair Hochschild and others associated with the CEC may be aware, Lake County's CAO, Carol Huchingson, recently sent a Letter to the State Senate and Assembly Budget Committees, outlining what we view as metrics that can help optimize investment of public funds in Long-Duration Energy Storage. In case helpful, I have included both the signed, submitted version of the Letter, and a Word doc, in case any portion of the language is directly useful for your purposes.

You will appreciate, Lake County is concerned that technologies be prioritized that are sufficiently long-lasting as to minimize downstream environmental and waste management concerns, and we are also deeply concerned that development of California's energy future put Californians to work in good paying jobs, and that projects utilize American-made materials, to the greatest possible extent.

Projects that provide multiple community benefits also broaden the impact of public investment. Closed-Loop Pumped Storage Hydro projects of 40MW or less have the potential to provide fire suppression and climate change resiliency benefits to entire communities, for example, in addition to providing long-lasting and versatile microgrid capacity.

Michael Day of Trane has served as a technical expert for the County of Lake in this area, and Trane is assisting Lake County in developing an innovative project in the North Lakeport area. Hidden Valley Lake Community Services District and Tuolumne County also view Closed-Loop Pumped Storage Hydro as potentially great fits for their communities; this is a model with the potential to encourage significant investment in rural communities through public-private partnerships, and public funds can help stimulate further investment and economic activity.

Michael can be a tremendous resource, if you have need of further background or technical information, he is reachable at [michael.day@trane.com](mailto:michael.day@trane.com).

Thank you for your very important work to ensure Californians are well served, now and in the future.

--Matthew

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