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California ISO

Assembly Concurrent Resolution 188 (ACR188 Report)

California Energy Commission
Western Electricity System Integration Workshop

Phil Pettingill, Director Regional Integration
12/2/2022

CA Balancing Authorities (BAs) are partnering with us on the report



Regional coordination background

California Senate Bill 350 - directed the ISO to study the impacts of expanding the electricity grid over the western United States

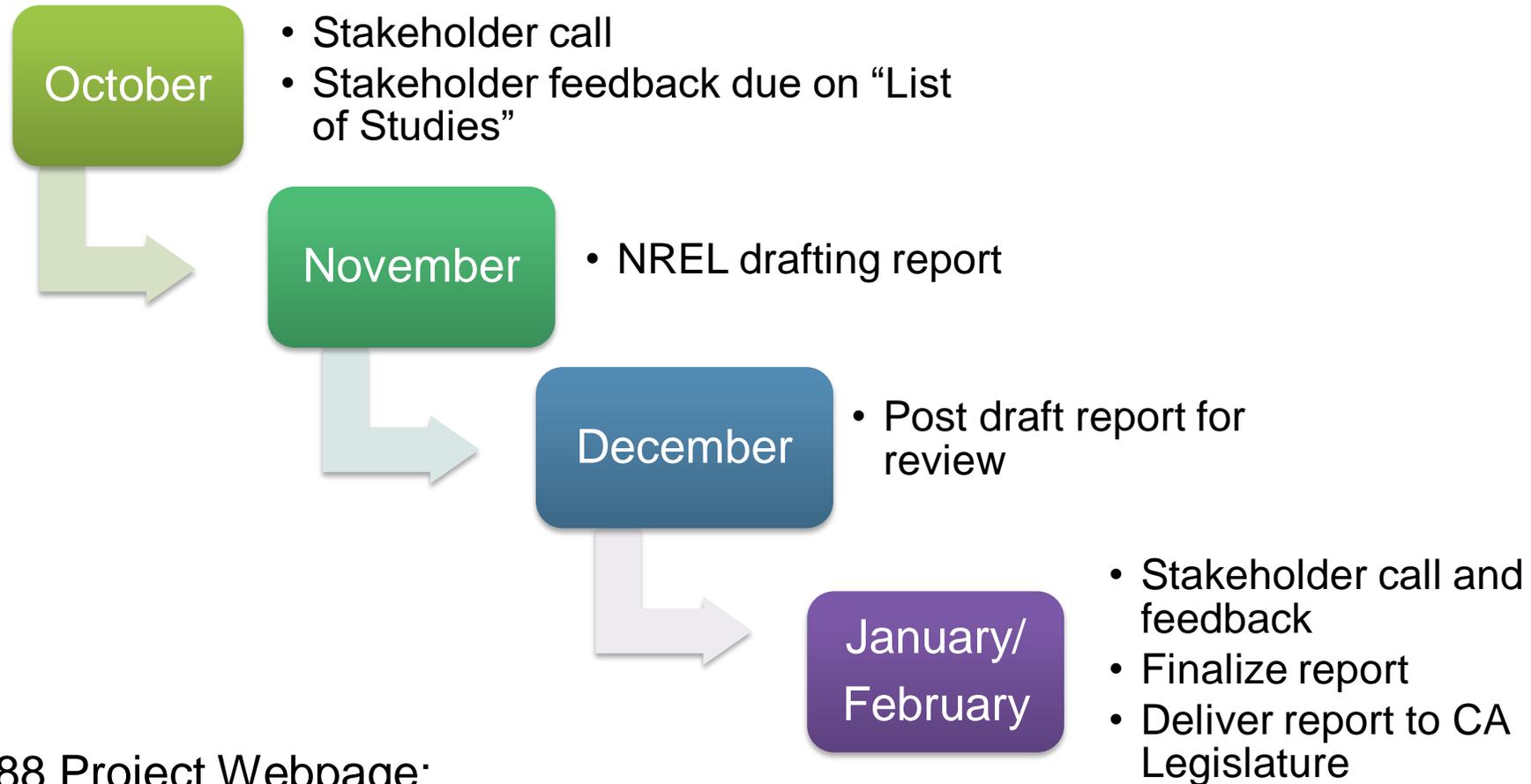
- Conducted by leading experts, the study (2016) assessed impacts to the economy, disadvantaged communities, emissions of greenhouse gases, grid reliability and integration of renewable resources
- The study concluded that a multi-state, regional electric market and grid overseen by the ISO would provide significant environmental and economic benefits to California and the West
- SB 350 added language on the intent to pass legislation to restructure ISO governance but the legislation did not pass

Assemblyman Holden introduced ACR 188 to provide the legislature with the most recent information on organized energy markets and regional transmission organization efforts in California and the west in order to assess what can be done to realize these benefits.

Overview - Assembly Concurrent Resolution #188

- Resolution requires ISO, in consultation with the CA BAs, to produce a report identifying and summarizing:
 - ❖ Recent studies on the impacts of expanded regional cooperation on California
 - ❖ Key issues to advance the state's energy and environmental goals
 - ❖ Impact of regionalization on transmission costs and reliability for California ratepayers
 - ❖ Updates to transmission development and resource diversity estimates (SB 100)
 - ❖ Engagement on and discussions of regional transmission organizations in Colorado, Nevada, and other western states
 - ❖ Collaboration between states on energy policies to maximize consumer savings while respecting state policy autonomy
 - ❖ Report to be delivered to the CA Legislature on February 28, 2023
- ISO has engaged NREL to author the report on relevant studies

Timeline and opportunity for stakeholder input



- ACR 188 Project Webpage:
<http://www.caiso.com/informed/Pages/RegionalSolutions.aspx>