

## DOCKETED

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<b>Project Title:</b>	Integrated Resource Plans (Publicly Owned Utilities)
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<b>Document Title:</b>	Presentation - Integrated Resource Planning Per SB350 By: Lincoln Bleveans
<b>Description:</b>	Burbank Water and Power's Perspective
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<b>Organization:</b>	Burbank Water and Power
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# **Integrated Resource Planning Per SB350**

***Burbank Water and Power's Perspective***



Lincoln Blevans

Burbank Water and Power

# What is Burbank Water and Power?

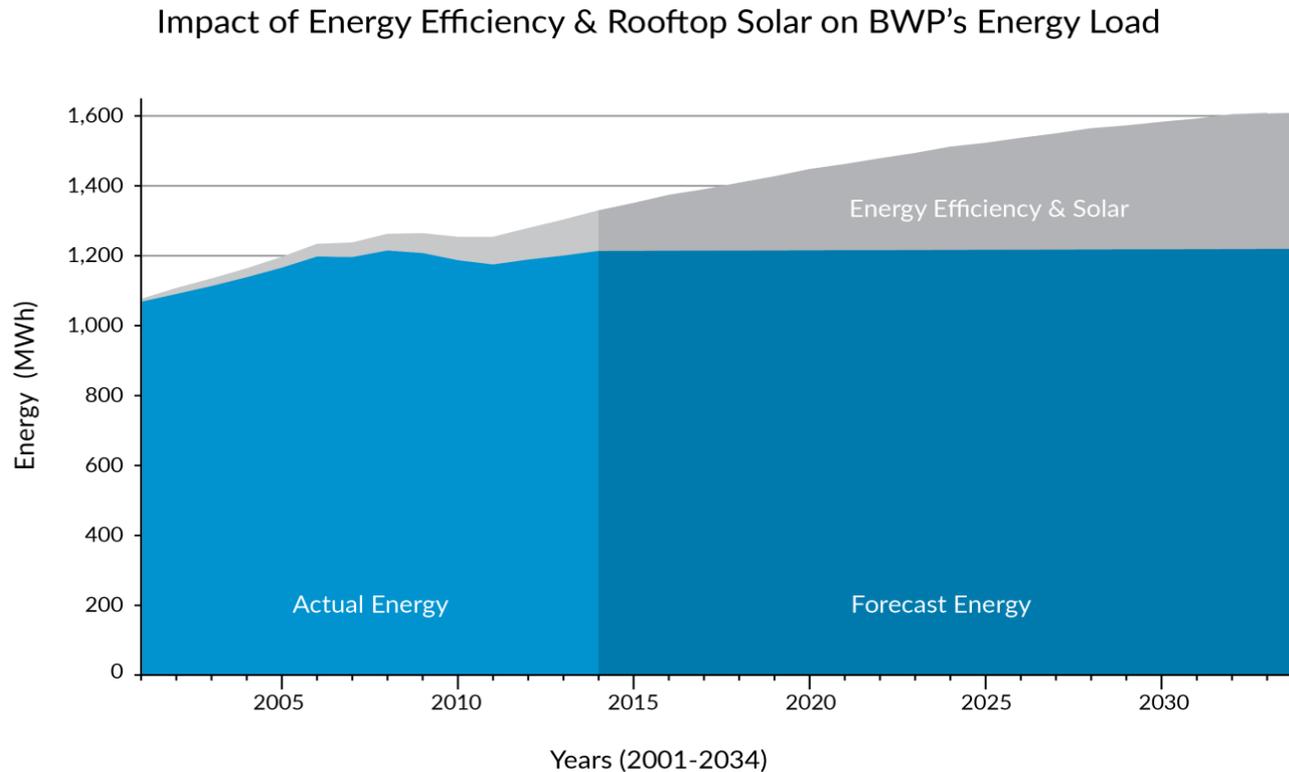
- Municipal ....
- California ....
- Southern California ....
- Vertically-integrated ....
- Not in the California ISO, but in *LADWP Balancing Authority* ....



# BWP's Commitment

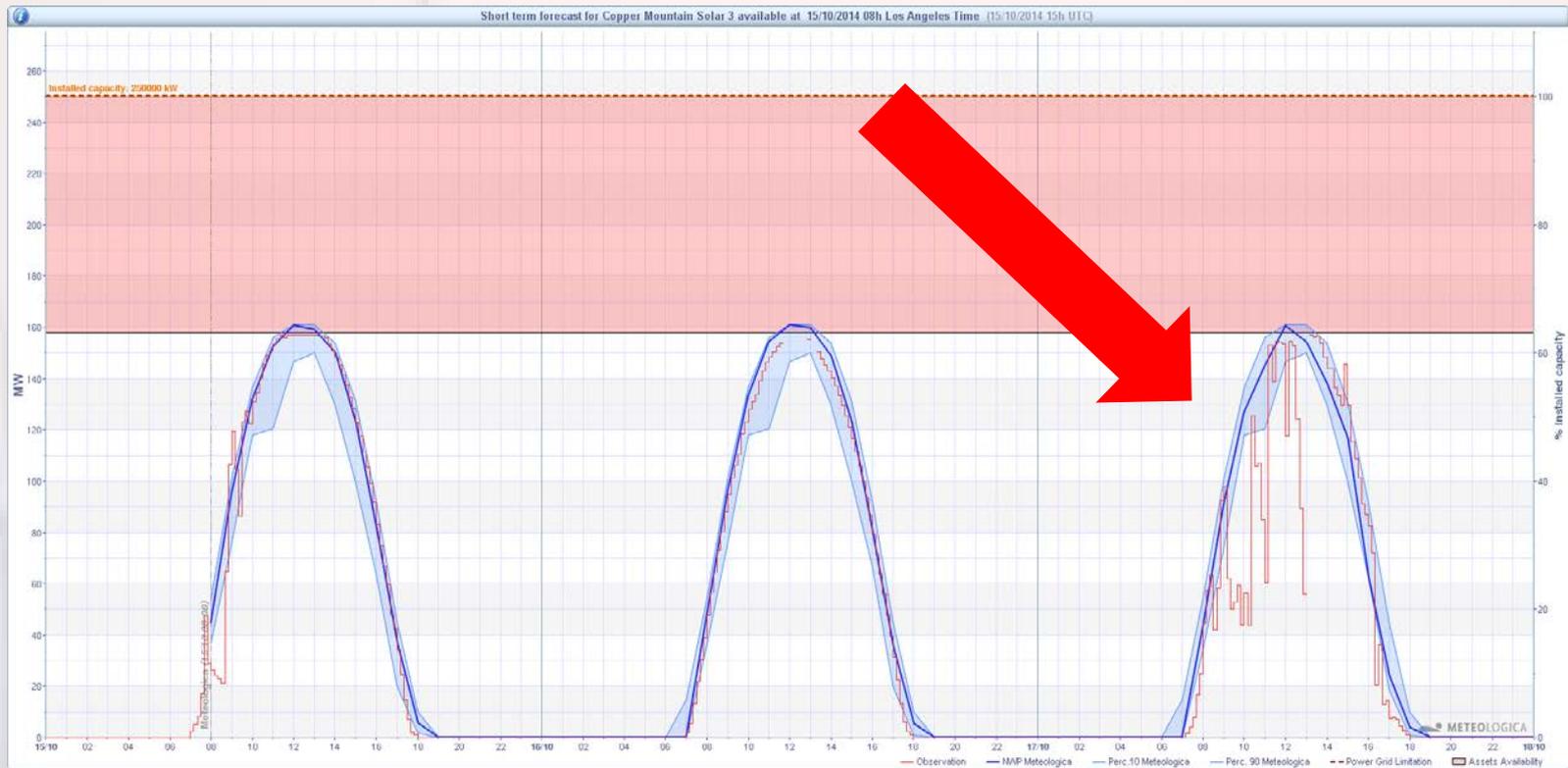


# BWP's Fundamental Challenges (1)



... while meeting federal and state mandates, including transition to 50% renewable energy by 2030

# BWP's Fundamental Challenges (2)



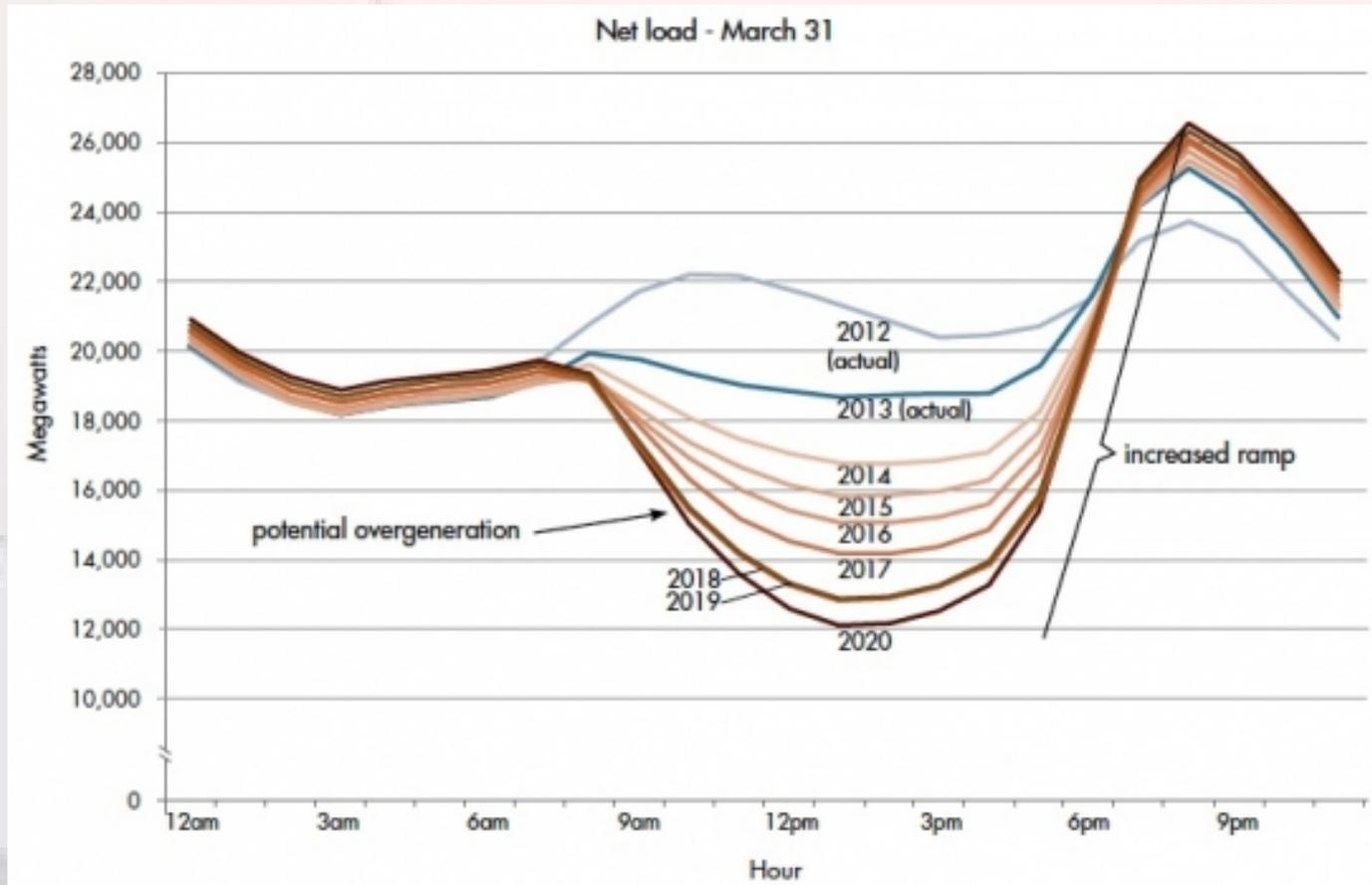
*Moderately  
Cloudy*

*Clear Skies*

*Very Cloudy*

... trading dispatchable fossil generation for intermittent renewable generation is not 1:1

# BWP's Fundamental Challenges (3)



... after decades, turning customer behavior 180° with rate design and education + adding storage

# Major ~~Obstacles~~ Challenges

- Lean planning resources
  - *and SB350 deadlines create a seller's market for IRP consultants*
- Over-resourced on power generation
  - *plus flat-to-negative load growth*
  - *plus finite transmission to our customers*
- Unavoidable legacy commitments
  - *but committed to exit coal when contracts expire*
- Integrating intermittent renewables
  - *highly proactive on storage, including CAES at the Intermountain site*

# BWP's Commitment



*... including an SB350-compliant IRP by January 1, 2019*

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