



# **WIRAB Monthly Update**

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WIRAB Staff

March 1, 2018

# Outline

- Peak Reliability Activities
- WECC Activities
- WIRAB Activities



# Peak Reliability Activities

- Peak Board Performance Survey
- Upcoming Peak Activities



# Peak Board Performance Survey

- Evaluates the Peak Board's performance over past year
- Major theme in WIRAB response – Transparency
- Strongly Disagree that:
  - *Board meetings are conducted in a manner that ensures open, candid and constructive communications. The Board encourages and considers different points of view.*
  - *The Board provides adequate strategic guidance and policy oversight to the management of Peak.*
- WIRAB Concerns:
  - Limited discussion during open BOD meetings; closed-door meetings and decision making; failure to seek strategic guidance.



# Upcoming Peak Activities

- Enhanced Curtailment Calculator Final State
- Peak-PJM Connex Business Plan for RC and Market Services
- 2019 Draft Budget and Funding Amount
- Peak MAC Meeting (March 22)



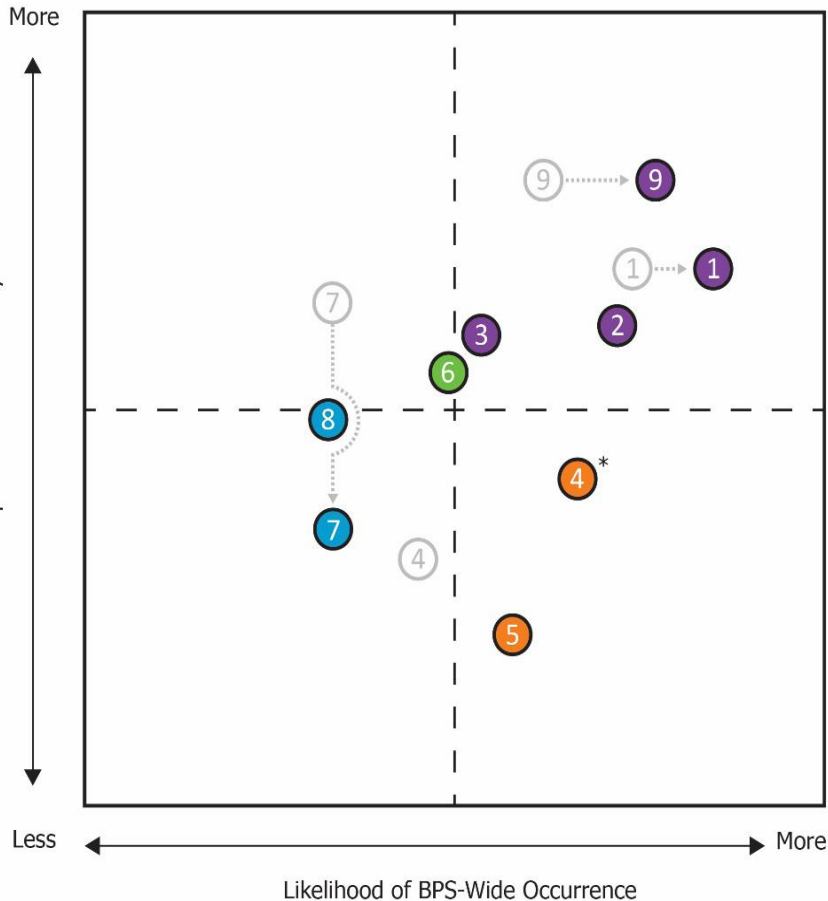
# WECC Activities

- WECC Reliability Workshop
- WECC 2019 Business Plan and Budget
- Upcoming WECC Activities



# WECC Reliability Workshop (March 21)

## NERC's Inherent Risk Mapping



### Risk Profiles

1. Changing Resource Mix
2. BPS Planning
3. Resource Adequacy
4. Increasing Complexity in Protection and Control Systems
5. Human Performance and Skilled Workforce
6. Loss of Situational Awareness
7. Extreme Natural Events
8. Physical Security Vulnerabilities
9. Cybersecurity Vulnerabilities

\* Profile 4 has shifted focus from 2016

### Risk Mapping

- Higher likelihood, higher impact (Purple circle)
- Higher likelihood, lower impact (Orange circle)
- Lower likelihood, higher impact (Green circle)
- Lower likelihood, lower impact (Blue circle)

## WIRAB Staff Prioritization Matrix for West

		WECC Able to Make an Impact			
		Low Ability	Low/Medium Ability	Medium/High Ability	High Ability
Unique in the Western Interconnection	High Uniqueness			Loss of Situational Awareness	
	Medium/High Uniqueness	Resource Adequacy and Performance	Extreme Natural Events	Increasing Complexity in Protection and Control Systems	Changing Resource Mix
	Low/ Medium Uniqueness		Physical Security Vulnerabilities		Bulk-Power System Planning
	Low Uniqueness	Human Performance and Skilled Workforce	Cybersecurity Vulnerabilities		



# WECC 2019 Business Plan and Budget

- WIRAB Staff is working closely with WECC Staff and the WECC MAC Budget Work Group
  - Preliminary issues identified:
    - Fictitious resource data assumption
    - Reliability Assessment authority assumption
    - Other recommendations under development
- Timeline:
  - May 3: WECC presents BP&B to WIRAB Members
  - May 18: Stakeholder Comments Due
  - Jun. 19: WECC Board approval
  - Aug.: NERC approval / ERO BP&B submitted to FERC
  - Oct./Nov.: FERC Order



# Upcoming WECC Activities

- Natural Gas-Electric Interface Study
- State of the Interconnection Report
- WECC MAC Meeting (March 6)
  - RC Update
  - Bucket 4 Bylaw changes



# WIRAB Activities

- FERC Order: Primary Frequency Response
- WIRAB Webinar: Certification Process for New RCs
- WIRAB Engagement
- Upcoming WIRAB Activities



# FERC Order: Primary Frequency Response

- Final Order No. 842 modifies the *pro forma LGIA* and *SGIA* to require that new generating facilities:
  - Install, maintain and operate a governor or equivalent controls as a precondition of interconnection;
  - Establish uniform maximum droop and deadband settings;
  - Provide timely and sustained response;
- Final Order does not:
  - Impose generic headroom requirements; or
  - Mandate compensation
- Final Order is consistent with WIRAB comments to FERC



# WIRAB Webinar: Certification Process for New RCs

- Webinar with WECC Staff to provide an overview of the certification process for Reliability Coordinators:
  - What does certification cover?;
  - What does certification not cover?;
  - What does the process timeline look like?;
  - What entities participate and how?;
  - Etc.
- Friday, March 30, 2018 at 11:00 AM MT
  - Further details will be posted to the WIRAB website when available



# WIRAB Engagement

- Monthly Meetings going well
- Semi-Annual Update on WIRAB activities and accomplishments
- Management of WIRAB email distribution list
- Suggestions for better engagement on written comments
  - Substantive webinars on specific advice/comments
- WIRAB in-person meeting?
  - At WECC Board of Directors Meeting?
  - At Peak Board of Directors Meeting?
  - Stand alone?



# Upcoming WIRAB Activities

- 2019 WIRAB Business Plan and Budget
- FERC Resilience Docket
- Webinars:
  - WECC Reliability Assessments
  - Canyon 2 Fire Event



# Upcoming WIRAB Meetings

- **Spring 2018 Joint CREPC-WIRAB Meeting:**
  - April 18-20, 2018 in Vancouver, BC
  
- **WIRAB Monthly Teleconference Meeting:**
  - First Thursday of every month at 11:00 AM MT
  - Next Meeting: April 5, 2018 at 11:00 AM MT





# Thank You

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