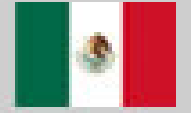


WIRAB Monthly Update

Maury Galbraith & Eric Baran
WIRAB Staff

November 5, 2020



Introductions and Roll Call

Outline

- **WECC Activities**
 - WECC Update
 - Jordan White, WECC
 - Event Analysis – Summer 2020 Heatwave Event
 - Vic Howell, WECC
 - WECC Stakeholder Engagement Straw Proposal
 - Jordan White & Victoria Ravenscroft, WECC
- **WIRAB Activities:**
 - Upcoming Meetings





WIRAB Update

November 5, 2020

Jordan White

Vice President of Strategic Engagement and
Deputy General Counsel

Vic Howell

Director of Reliability Risk Management

Victoria Ravenscroft

Senior Policy and External Affairs Manager

Upcoming Events



Western Heatwave Event 2020: Part Two
November 11, 2020 10:00 – 11:00 a.m.

Resource Adequacy Forum
November 18, 2020 10:00 a.m. – 12:00 p.m.



Board of Directors Meeting
December 8 & 9, 2020

SETF Straw Proposal Comment Period 2
November 16, 2020 – December 4, 2020

Board of Directors

- Next meetings
 - Associated meetings on December 7 and 8
 - Board of Directors meeting on December 9
- Register on WECC.org/calendar



WECC Heatwave Event Analysis



- Supplement, not duplicate, CAISO investigation
- Interconnection-wide approach
- Uses WECC's [Event Analysis Process](#) as framework
- Includes assessment of
 - Resource adequacy
 - Transmission system performance

WECC Heatwave Event Analysis

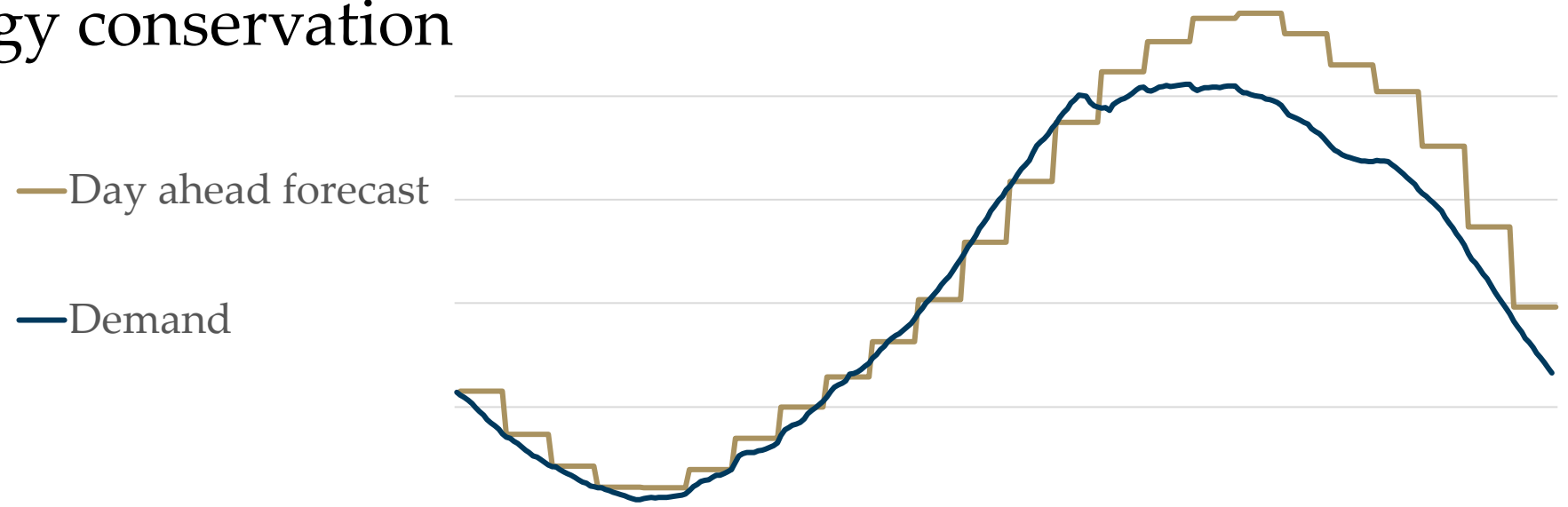
- Industry update on October 22
- Next industry update on November 11 from 10:00-11:00 MST
- Presenting initial findings at WECC Board Technical Session on Dec 8
- Developing space on WECC website for heatwave analysis info

Where We Are

- Data request issued to RCs and BAs on September 4
- Data received on September 25
- Sequence of events completed
- WECC Event and Performance Analysis Subcommittee (EPAS) review on October 7
- Cause Code Analysis underway & reviewing the data

WECC Situation Awareness: Observations

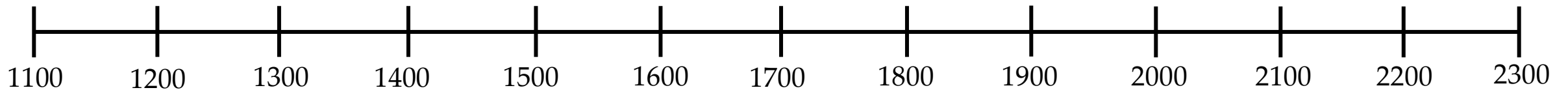
- Communication from the RCs
- Western Interconnection 2020 peak demand
 - Occurred on Aug 18, 2020 in the mid afternoon
 - 162,000 MW
- Impacts of energy conservation



WECC Situation Awareness: Observations

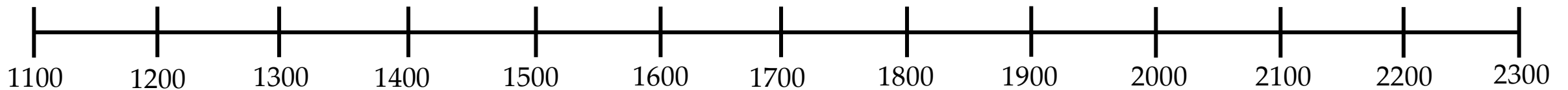
August 14, 2020 – EEAs

BA1



WECC Situation Awareness: Observations

August 15, 2020 – EEAs

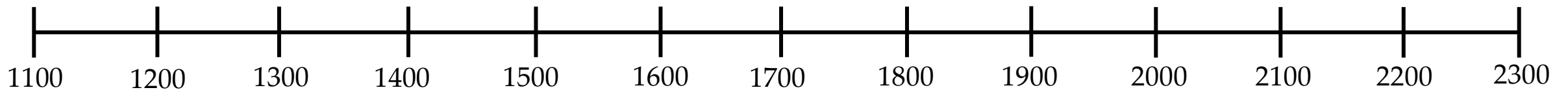


WECC Situation Awareness: Observations

August 16, 2020 – EEAs

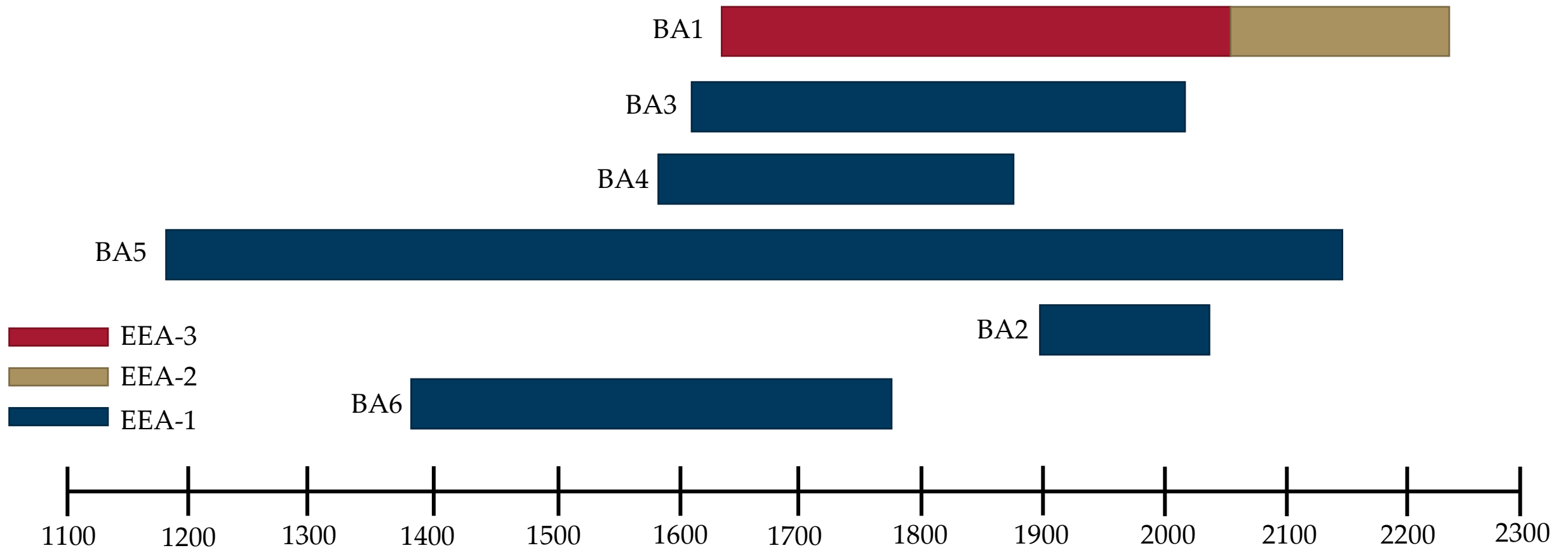
BA1 

-  EEA-3
-  EEA-2
-  EEA-1



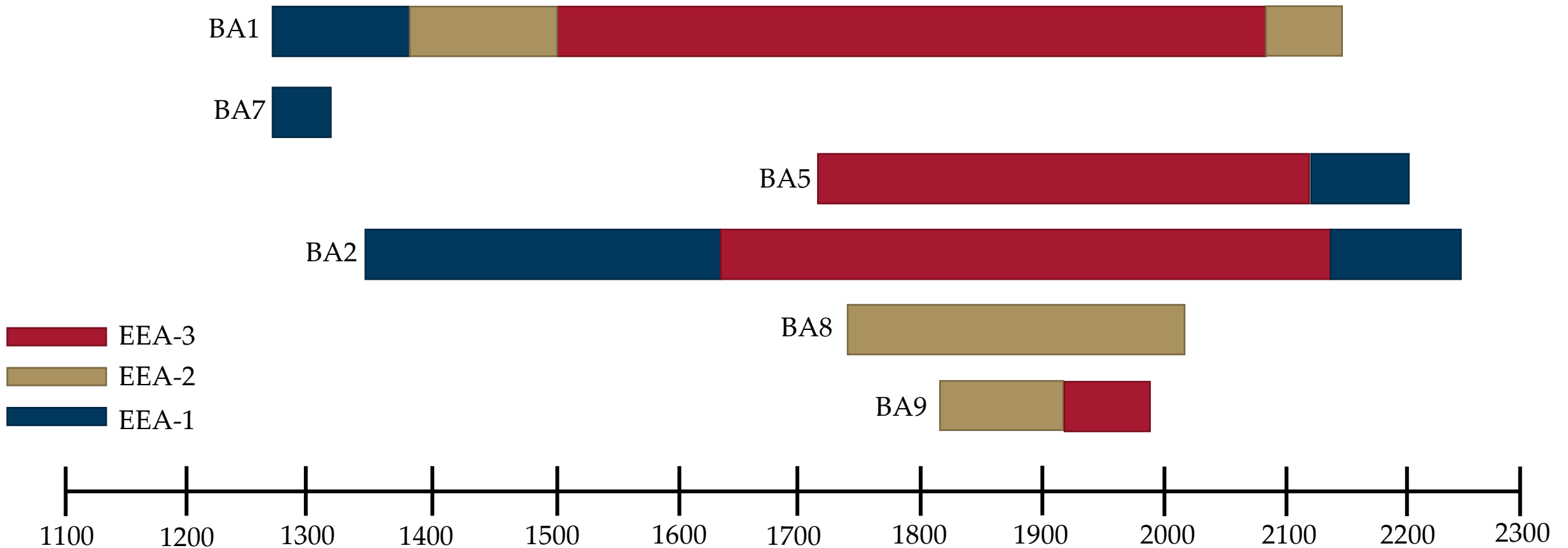
WECC Situation Awareness: Observations

August 17, 2020 – EEAs



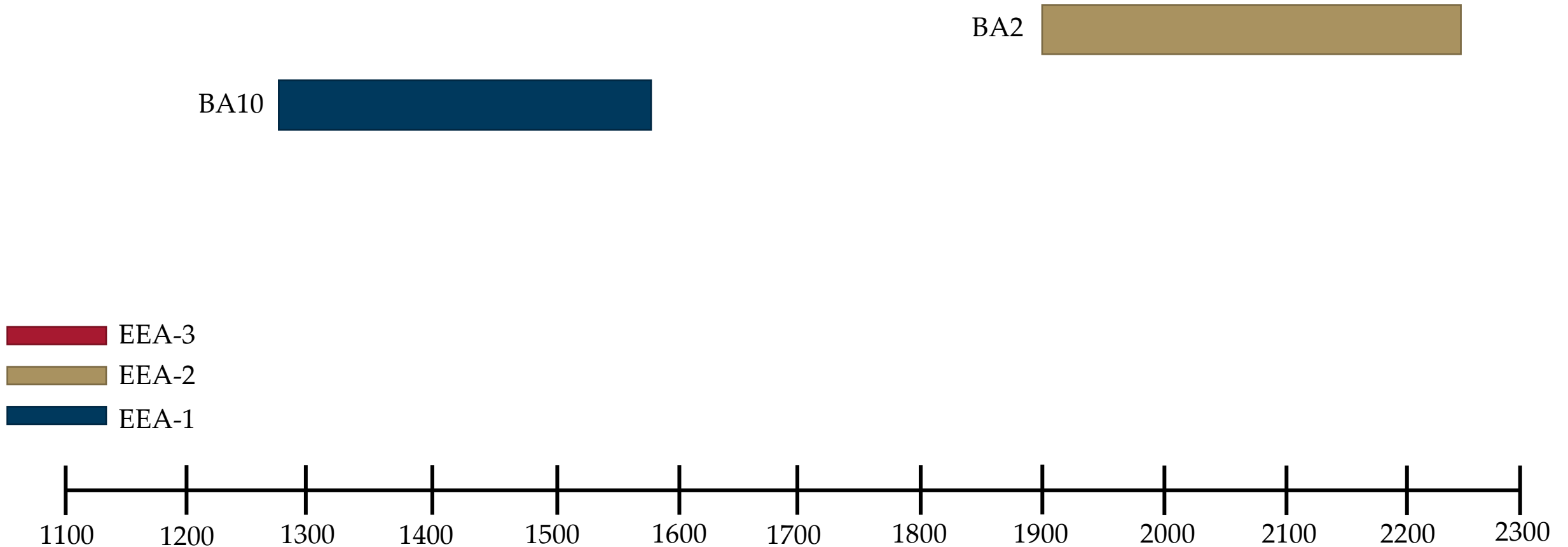
WECC Situation Awareness: Observations

August 18, 2020 – EEAs

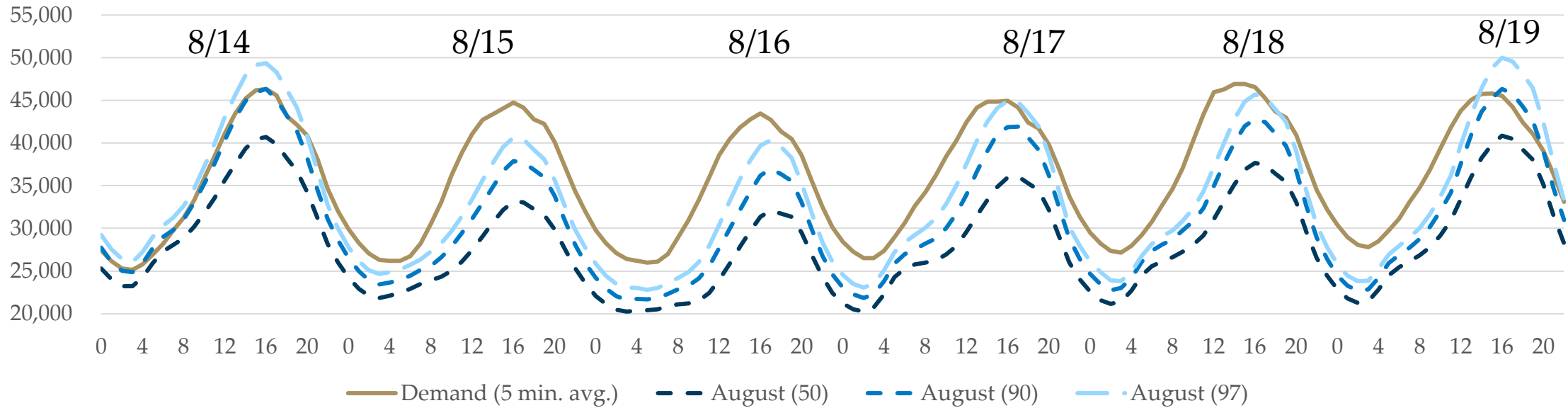


WECC Situation Awareness: Observations

August 19, 2020 – EEAs

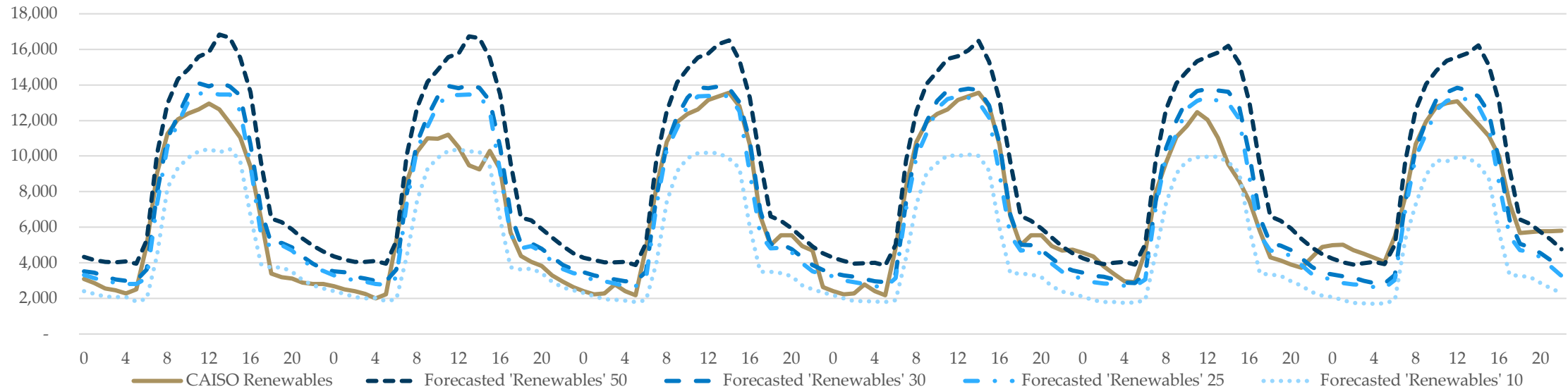


Actual Demand vs Forecast



- Looking to understand where the actual demand fell on our forecast distribution

Actual Renewable vs Forecast

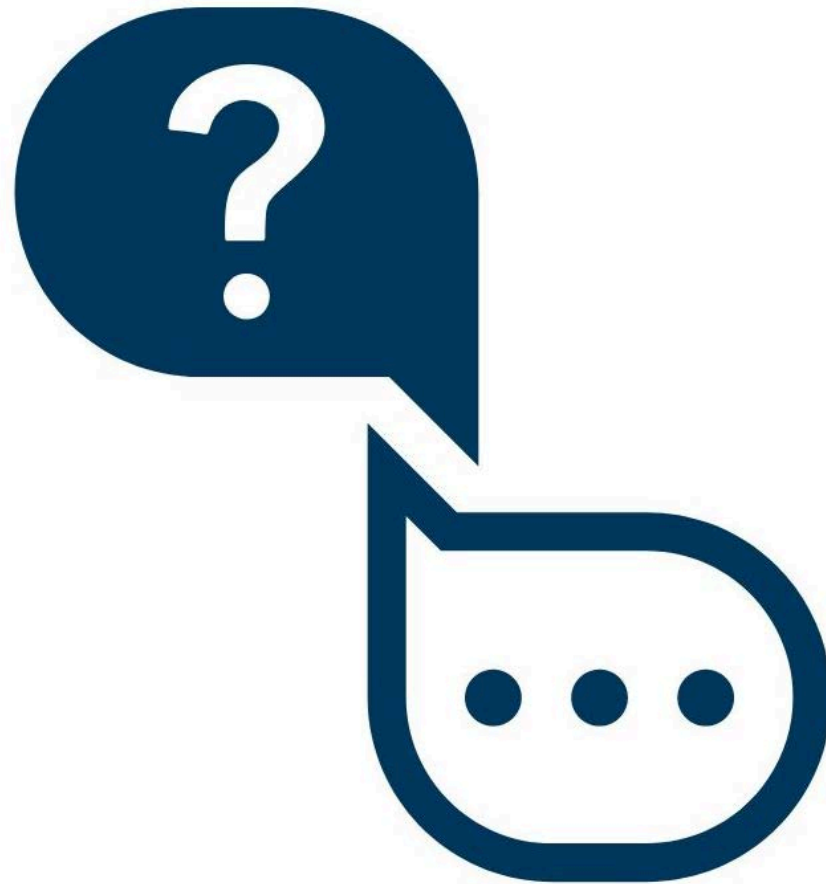


- Also need to understand where actual generation fell on the forecast distribution of all types of resources.

Additional Analysis

- Resource adequacy and transmission performance assessments underway
 - Requested data from all Balancing Authorities.
 - Want to understand what each area was facing at the same hours of the load shed event.
 - More than just understanding if there was energy available, also need to understand if there was transmission available to move the energy.
- Hope to better understand how the entire system is impacted by a heat wave event
- Looking for takeaways WECC can use to improve forecasting of variability in the system

Question and Answer



SETF Straw Proposal

The existing stakeholder engagement structure and processes are not well suited to enable WECC to marshal critical stakeholder expertise to identify and analyze emerging reliability and security issues in a timely manner.

Further examination and change are required to streamline the existing committee structure and to create new structures and processes so that stakeholders can more effectively and efficiently support WECC's reliability and security activities.



~ WECC Board of Directors

Stakeholder Engagement Task Force

- Reinventing the way WECC interacts with stakeholders; focusing on the future
- Looking at how WECC
 - Partners with stakeholders to do relevant and timely technical work
 - Accesses stakeholder expertise in a nimble and flexible way
 - Understands and addresses the needs of various stakeholder groups
- Stakeholder feedback opportunities along the way
- Tasked with making recommendations to the Board by the end of 2020



Guiding Principles

- Ensure access to stakeholder subject matter expertise
- Foster collaboration, cooperation, and common commitment
- Engage stakeholders as partners
- Provide a “safe space” for discussing issues and education

SETF Tasks & Workstreams

1

SME and Technical Stakeholder Engagement

2

WECC staff role and relationship to stakeholder groups

3

Mechanisms for sharing and receiving stakeholder feedback and understanding stakeholder needs

4

Metrics

Straw Proposal Purpose

The straw proposal should

- Reflect how we might achieve our future, not just tweak the existing structure;
- Serve as a starting point, not the last word;
- Be bold, a lightning rod for discussion; and
- Be refined through conversation and input.

Straw Proposal: Underlying Considerations

- Create a flexible, issue-based committee structure
- Build in accountability to ensure relevant and timely work is created, produced, and socialized with intended audiences
- Clarify expectations and roles
- Ensure committee work supports WECC's mission, vision, LTS
- Create continuous, “real-time” structural review to adjust as necessary and avoid large overhauls, e.g., 4.9 review
- Improve management of products, timelines, deliverables, etc.
- Distinguish the value of producing work from the value of discussing, networking, and learning about issues

Straw Proposal Elements

- Element 1: Standing Committees
 - Disband OC and MIC; create Operations, Security, and Market Interface Committee (OSMIC)
 - Keep RAC
 - Limit membership on OSMIC and RAC
- Element 2: Performance Review Board (PRB)
 - Disband JGC
 - Create PRB
 - Board committee (chaired by Director)

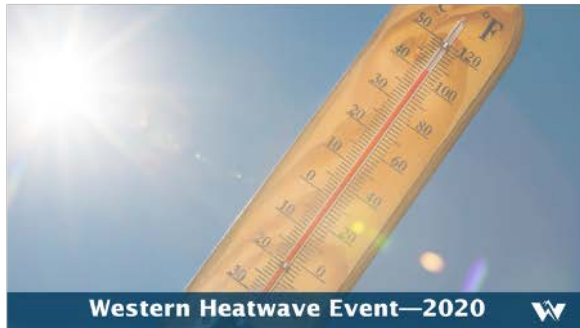
Straw Proposal Elements

- Element 3: Standing Committee Project Management
 - All standing committee initiative have project management support from WECC
 - Manage work products, timelines, resources, etc.
 - Coordinate WECC administrative support and SME partners
- Element 4: Subcommittees, workgroups, task forces
 - Evaluate all subgroups and keep those directly involved in developing Standing Committee work
 - Meet the need for discussion, networking, and information sharing through workshops, trainings, forums, etc. managed by WECC's Strategic Engagement team
- Element 5: Metrics
 - Create performance metrics and stakeholder engagement metrics

Straw Proposal Conversation

- Comment Period 1: October 19 – November 2, 2020
 - Substantive comments under review
 - Process comments used to shape how we conduct conversation going forward
- Comment Period 2: November 16 – December 4, 2020
 - Redline version of the straw proposal
 - Information available on WECC.org

Upcoming Events



Western Heatwave Event 2020: Part Two
November 11, 2020 10:00 – 11:00 a.m.

Resource Adequacy Forum
November 18, 2020 10:00 a.m. – 12:00 p.m.



Board of Directors Meeting
December 8 & 9, 2020

SETF Straw Proposal Comment Period 2
November 16, 2020 – December 4, 2020



Contact:

Jordan White - jwhite@wecc.org

Vic Howell – vhowell@wecc.org

Victoria Ravenscroft – vravenscroft@wecc.org

Upcoming Meetings

WIRAB Monthly Teleconference Meeting

First Thursday of every month at 11:00 AM MT

Next Meeting: December 2, 2020 at 11:00 AM MT

Fall 2020 Joint CREPC-WIRAB Meeting

Virtual panel sessions continue on November 6, 2020





Thank You

Maury Galbraith

mgalbraith@westernenergyboard.org

720-897-4601