



APS RPAC Meeting

2/27/2024



MEETING AGENDA



Welcome & Meeting Agenda
Matt Lind
1898 & Co.



Break



Opening Remarks
Brian Cole
APS



APS Response to Stakeholder
Comments – 2023 IRP
Todd Komaromy
APS



Generation Interconnection Reform
Jason Spitzkoff
APS



Next Steps & Closing Remarks
Matt Lind
1898 & Co.



2023 ASRFP Update
Derek Seaman
APS

Meeting Guidelines



Member Engagement

RPAC Member engagement is critical. Clarifying questions are welcome at any time. There will be discussion time allotted to each presentation/agenda item, as well as at the end of each meeting.



Action Items

We will keep a parking lot for items to be addressed at later meetings.



Meeting Minutes

Meeting minutes will be posted to the public website along with pending questions and items needing follow up. We will monitor and address questions in a timely fashion.



Preliminary Content

Meetings and content are preliminary in nature and prepared for RPAC discussion purposes. Litigating attorneys are not expected to participate.



December Meeting Recap

- APS discussed the 2023 All-Source RFP and addressed questions surrounding the interconnection queue backlog.
- APS presented the 2024 Demand Side Management plan filing and details around programs and initiatives.
- 1898 and Co. shared historic agenda topics covered with the RPAC and solicited feedback for items to cover in 2024 and beyond.



Following Up

- Action Items from Previous Meetings: NA
- Ongoing Commitments:
 - Distribute meeting materials in a timely fashion (3 business days prior)
 - Transparency and dialogue





Opening Remarks

Brian Cole, APS

2024 Opening Remarks



APS's infrastructure build-out is essential to meet the demands of Arizona's rapidly growing population



Diligent planning remains at the forefront of APS's reliability strategy



APS recognizes the value of Stakeholder engagement in the planning process, incorporating feedback and insights.



Brian Cole

Vice President, Resource Management





Generation Interconnection Reform

Jason Spitzkoff, APS

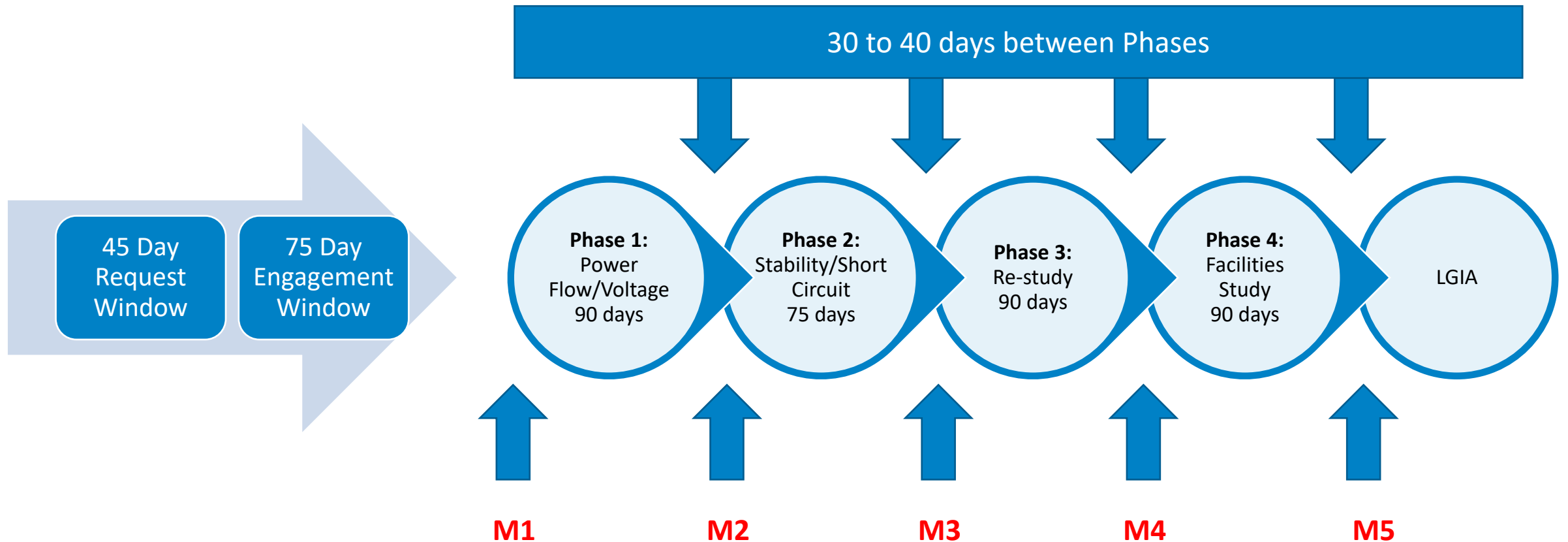


Agenda

1. Existing Process – Approved APS reforms (9/29/2024)
2. Transitional Process
3. Pending FERC Filings



New Process Diagram

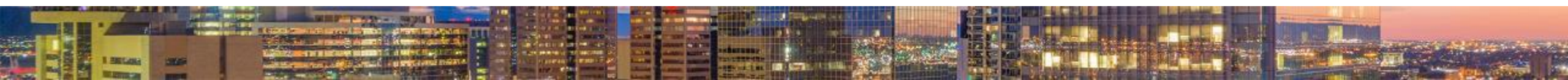
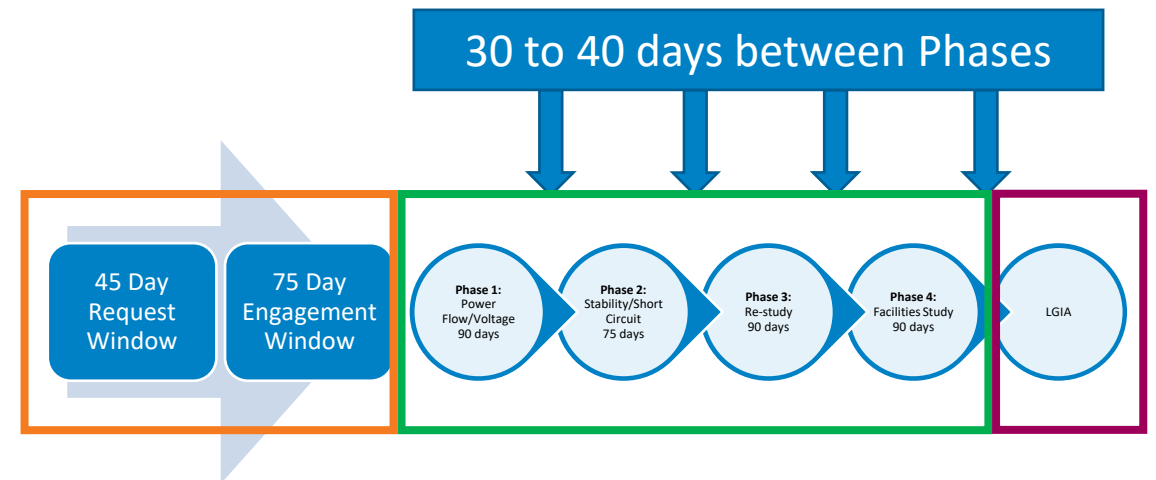


- Complete within 2 years
- Designed not to overlap Phase 1 through Phase 3 studies



New Generation Interconnection Process

- **Annual Request Window**
 - 3 major elements of a valid request
- **Engagement Window**
 - Hold Scoping meeting(s)
 - Modeling reviews and validation
- **Study Phases**
 - 3 phases of reliability studies
 - Facility Study
- **LGIA**
 - No changes





Transitional Process

- **Projects with completed FaS were not affected**
- **Scoping Meetings held week of 1/8/2024**
 - 9 subcluster meetings (one cluster covered individual projects)
 - Customer's provided 2 weeks to make changes based on scoping meetings
 - NRIS/ERIS designation
 - Model validation
 - Size reductions
- **Projects that were in SIS or FaS were eligible**
 - 60 days to provide agreement and commercial readiness (or LOC)
 - Remaining projects included in a new Transitional Cluster Study
 - Approximately 160 projects at the time and over 80 GWs
 - Currently stand at 60 projects and ~22 GWs





Pending FERC Actions

- **APS filed compliance filing for the remaining FERC Order 2023 items**

- Filed 11/3/2023
- Site Control
- Withdrawal Penalties

- **Site Control Requirements**

- Determined based on Technology/Fuel Type
- Prior to FaS, the requirement is 90%
- To move into FaS is 100%
- Regulatory Limitations – documentation and deposit in lieu
- Business Practice posted on APS OASIS

Fuel Type	Minimum without Site Plan
Wind	40 acres/MW
Solar PV	6 acres/MW
BESS	1 acres/MW
Conventional thermal	40 acres
Hybrid	Calculate each fuel source





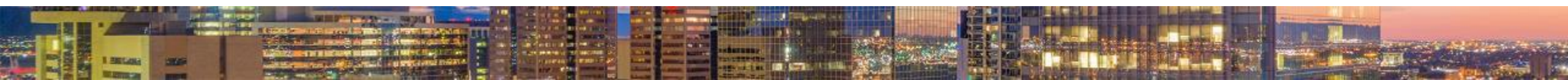
Pending FERC Actions

- **Withdrawal Penalties**

- Start at M1
- Phase 1 & 2 – 2x study cost
- Re-study – 5% of NU
- LGIA – 20% of NU

- **APS requested waiver to hold 2024 Cluster**

- Filed 2/1/2024
- First new cluster window to open 4/1/2025
- Transitional Cluster results not expected to be finalized until late 2024
 - Complexity and size of transitional cluster
 - Number of expected re-studies
 - Delays would prevent 4/1/2024 projects from beginning study work on time
 - Allows for clean entry into 2025 window



Thank you!

Questions?

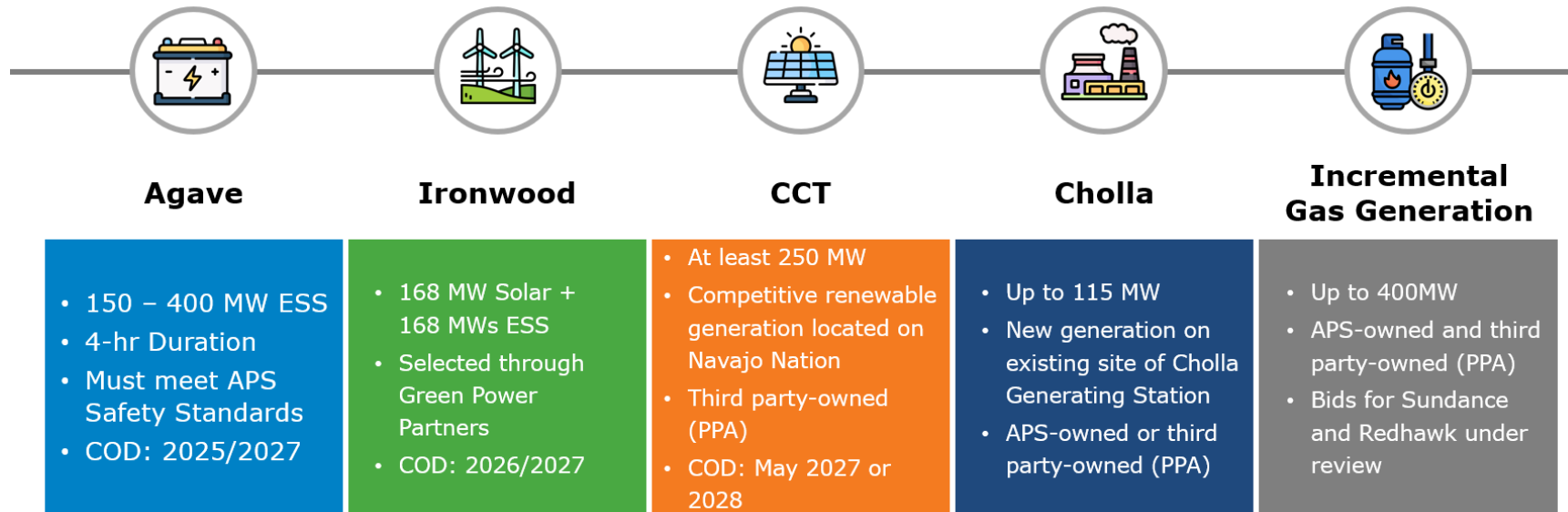


2023 ASRFP Update

Derek Seaman, APS

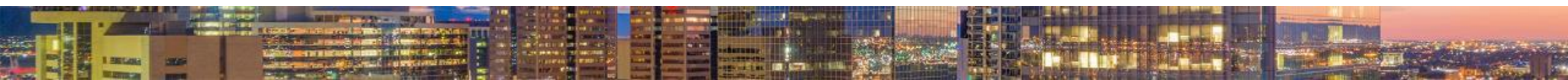
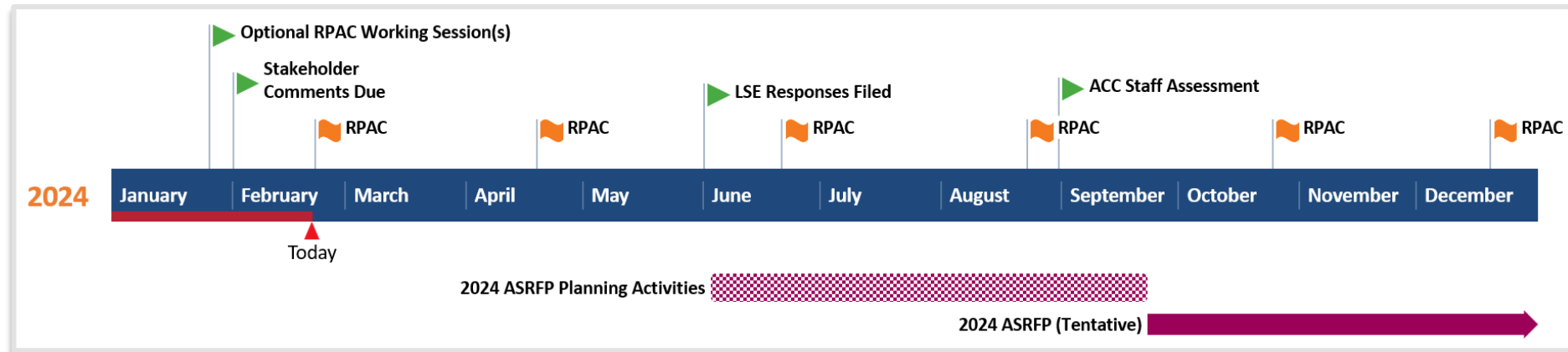
2023 ASRFP Update

- Need of approximately 1,000 MWs of capacity and at least 700 MWs of renewables
- Focus on projects that can be in-service in 2026-2028
- Projects Secured: 500 MWs of wind in Northern Arizona
- Negotiations are underway for Agave, Ironwood, Sundance and Redhawk and a mix of PPAs



2024 ASRFP – Planning Ahead

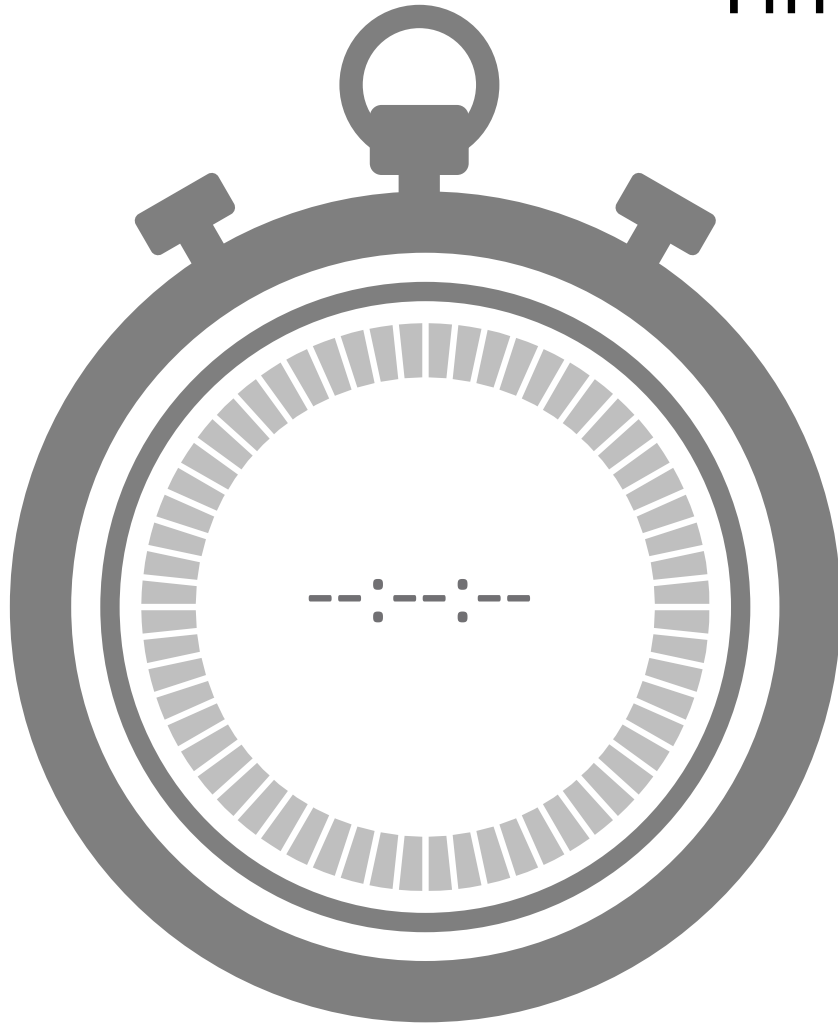
- Expected launch – Fall 2024
 - Coincides with conclusion of transitional cluster study
 - Updates prices for changing market conditions
 - Picks up where the 2023 ASRFP drops off
- Resource need TBD
 - RPAC will be engaged this summer to solicit feedback





Break

Time for a Break



Break Duration 1 min.

Meeting will resume at





APS Response to Stakeholder Comments

– 2023 IRP

Todd Komaromy, APS



2023 IRP | Stakeholder Comments

Docket No. E-99999A-22-0046



Comments

263 individual comments were submitted with mention to APS under the current docket number. **10** of these were submitted by RPAC members



Pages

Of the comments submitted, there are **716** pages of material



Key Dates

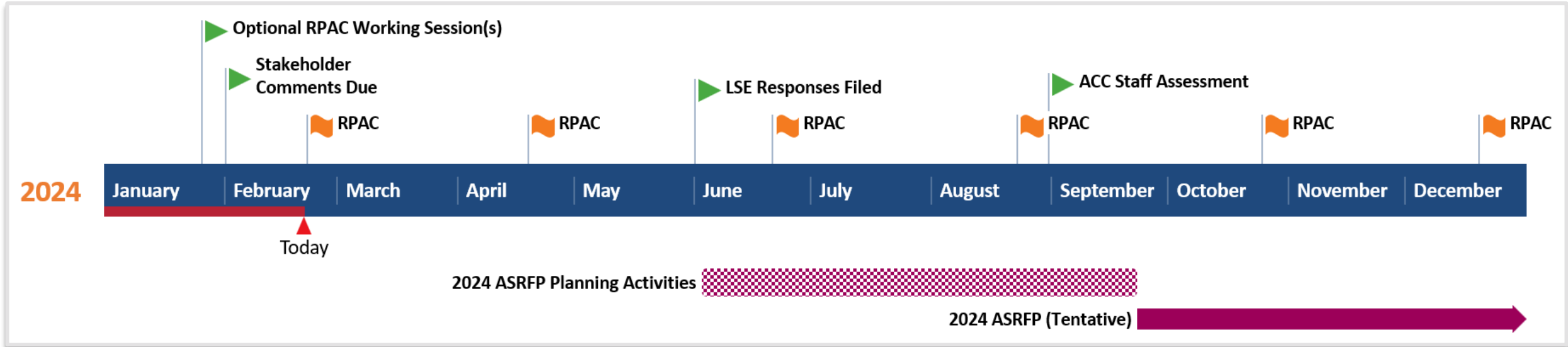
LSEs responses filed:
5/31/2024
ACC Staff Assessment and Proposed Order:
8/31/2024



Next Steps & Closing Remarks

Matt Lind, 1898 & Co.

Forward Plans and Meetings



Key Milestones

April RPAC Meeting: 4/3/2024
 Time: Early afternoon
 (More info to come)

LSEs responses filed: 5/31/2024

