



APS RPAC Meeting

06/23/2023



MEETING AGENDA



Welcome & Meeting Agenda

Matt Lind
1898 & Co.



Regulatory Update – Open
Meeting Response

Michael Eugenis/Todd
Komaromy
APS



2022/2023 ASRFP Update

Derek Seaman
APS



Next Steps & Open Discussion

Matt Lind
1898 & Co.



Meeting Guidelines

- 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.
- We will keep a parking lot for items to be addressed at later meetings.
- 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.
- Consistent member attendance encouraged; identify proxy attendee for scheduling conflicts.
- Meetings and content are preliminary in nature and prepared for RPAC discussion purposes. Litigating attorneys are not expected to participate.





May Meeting Recap

- APS outlined its request for an IRP filing deadline extension and provided details on the agenda of its market report workshop.
- APS announced the approval of ongoing negotiations for potential capacity and summarized important takeaways from the 2022 ASRFP. APS outlined key features of the upcoming 2023 ASRFP.
- E3 discussed PRM trends in the West, including the use of LOLP modeling and ELCC to evaluate resource adequacy and account for the impact of renewable energy resources.
- APS documented the natural gas and carbon price sensitivities that will be evaluated during the 2023 IRP.



Following Up

- Action Items from Previous Meetings:
 - Perform Aurora training with members that requested access to platform
- Ongoing Commitments:
 - Distribute meeting materials in a timely fashion (3 business days prior)
 - Transparency and dialogue

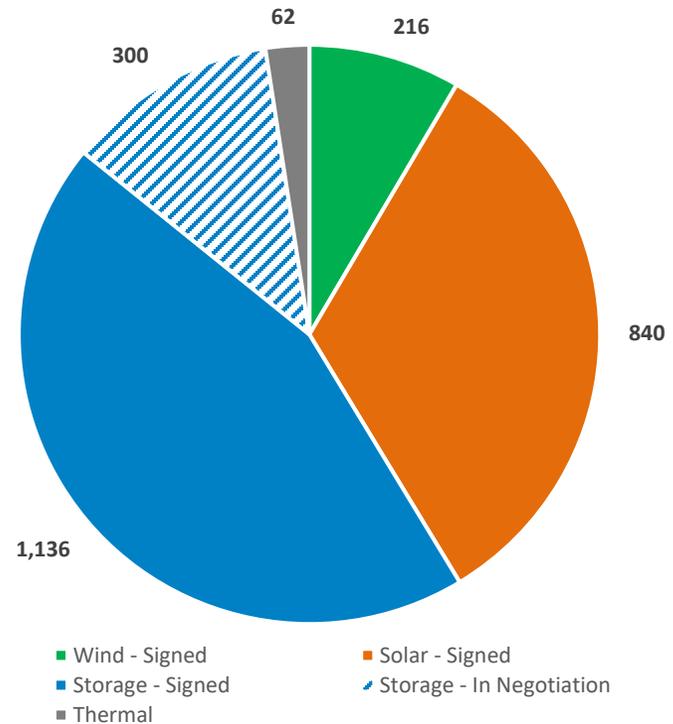




2022 ASRFP Recap

2022 ASRFP – Anticipated 2025 Resources

2025 Clean MW Additions Anticipated (Nameplate)



2026 Clean MW Additions Anticipated (Nameplate)



2022 ASRFP by the Numbers

- Sought 1,000 – 1,500 MWs of Resources and 600 – 800 MWs of renewables.
- Expected 2025 Resources
 - 2,254 MWs
 - 1,056 MWs - renewable energy & 1,136MW of energy storage
 - 46 entities
 - 95 bids & 74 unique projects
- Expected 2026 Resources
 - 406 MWs renewable
- Extension of two gas tolling agreements

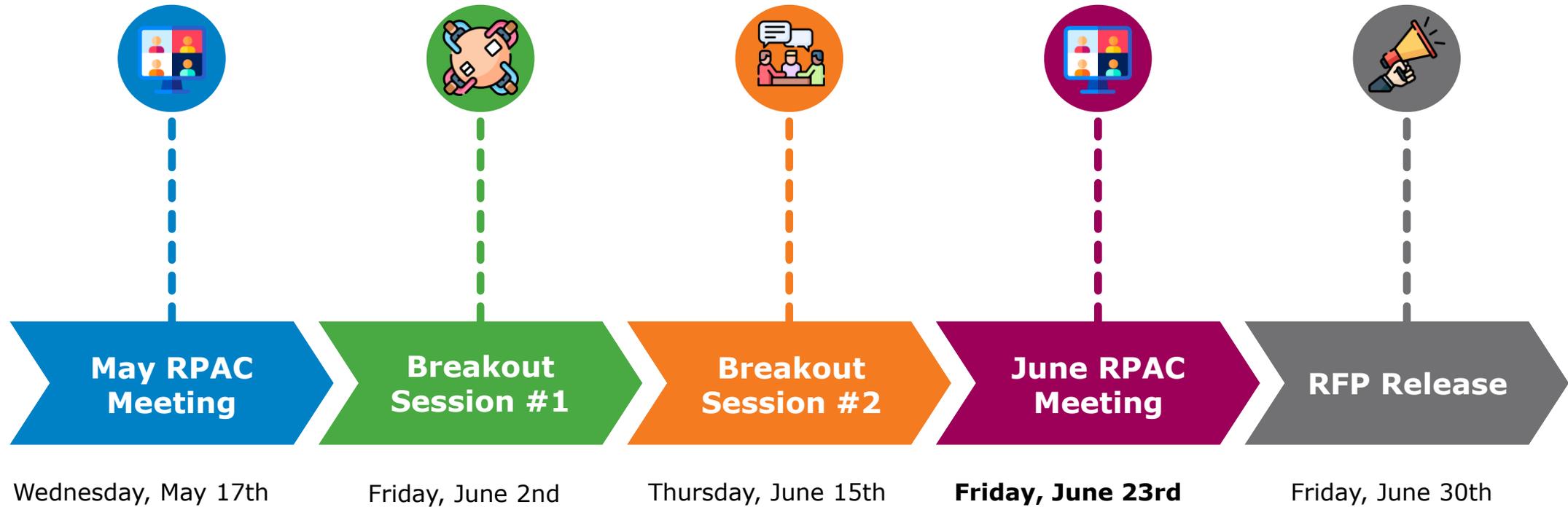




2023 ASRFP Update



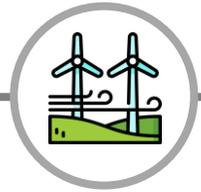
2023 All Source RFP Timeline



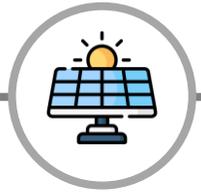
Technical Requirements - Site Specific



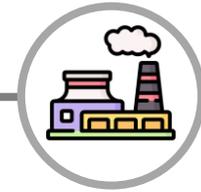
Agave



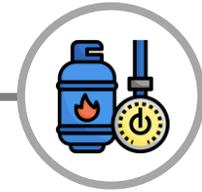
Ironwood



CCT



Cholla



Incremental Gas Generation

- 150 – 400 MW ESS
- 4-hr Duration
- Must meet APS Safety Standards
- COD: 2025/2027

- 168 MW Solar + 168 MWs ESS
- Selected through Green Power Partners
- COD: 2026/2027

- At least 250 MW
- Competitive renewable generation located on Navajo Nation
- Third party-owned (PPA)
- COD: May 2027 or 2028

- Up to 115 MW
- New generation on existing site of Cholla Generating Station
- APS-owned or third party-owned (PPA)
- COD: ASAP following Cholla retirement in 2025.

- Redhawk: Approx. 300MW third party-owned (PPA) or APS-owned (COD March 2027)
- Sundance: Approx. 100MW APS-owned (COD March 2026)





Illustrative Schedule

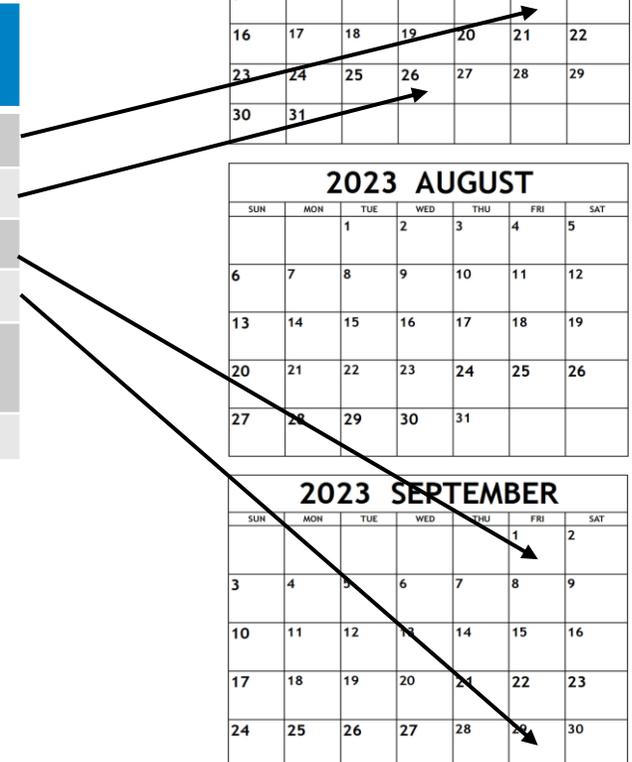
2023 JUNE						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30 RFP Release	

2023 JULY						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2023 AUGUST						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

2023 SEPTEMBER						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Activity	Date
Confidentiality Agreement Submittal DUE	Plus 2 weeks from RFP issuance
Bidder's Conference	Week of July 24
Respondent Proposal and RFP Proposal Fee DUE	Plus 9 weeks from RFP issuance
Shortlisted Respondents notified	Plus 5 weeks from Proposal receipt
Final selections	Plus 10 weeks from Proposal receipt (End of October)
Contract Executions	November – February 2024





Discussion & Questions

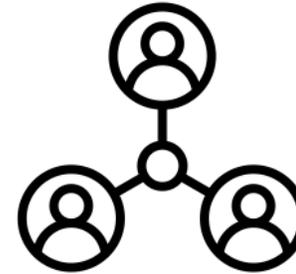


Regulatory Update - Open Meeting
Response

Regulatory Update



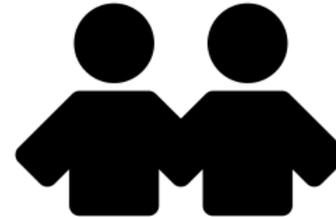
IRP due date moved to November 1st, 2023



Second public stakeholder meeting pushed to Q3



NDA agreements & costs for licenses



Future engagement, any changes from today?





Discussion & Questions

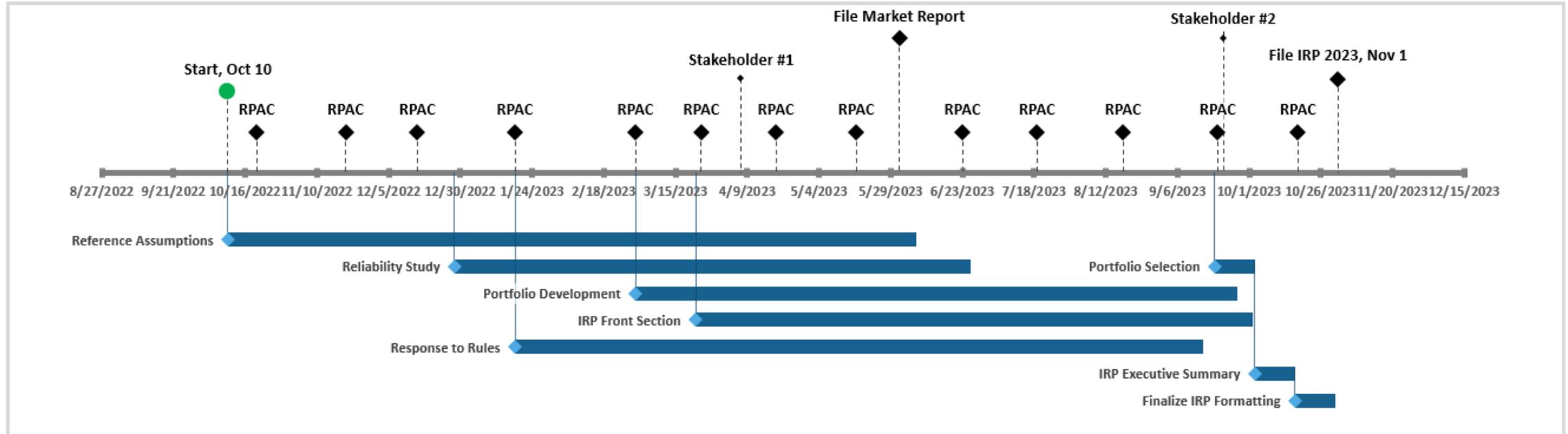


Next Steps





IRP Timeline



Key Milestones

APS Modeling Data to RMC: 6/26/2023
 Aurora Training for RMC: 6/29/2023
 July RPAC: 7/19/2023

Public Stakeholder Meeting #2: September
 IRP Filing: 11/01/2023