

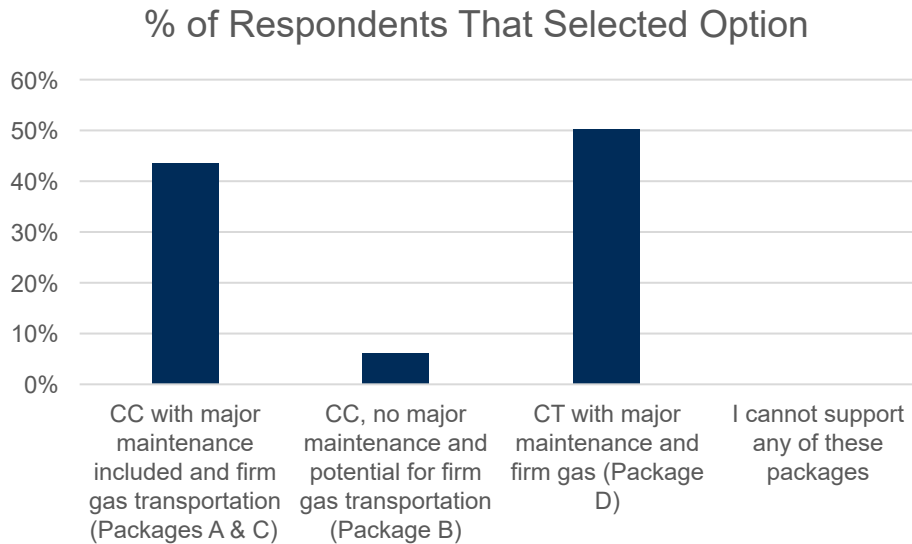


Quadrennial Review Poll Results

Rebecca Carroll
Market Implementation Committee
July 13, 2022

- Purpose of Poll
 - to inform the informational vote at the July MIC
 - Vote will be taken following the July 18 Special Session
- Poll Dates
 - Wednesday, June 22, 2022 through Wednesday, June 29, 2022

In regard to the Reference Technology, my company can support the following package(s): (Select all that apply.)



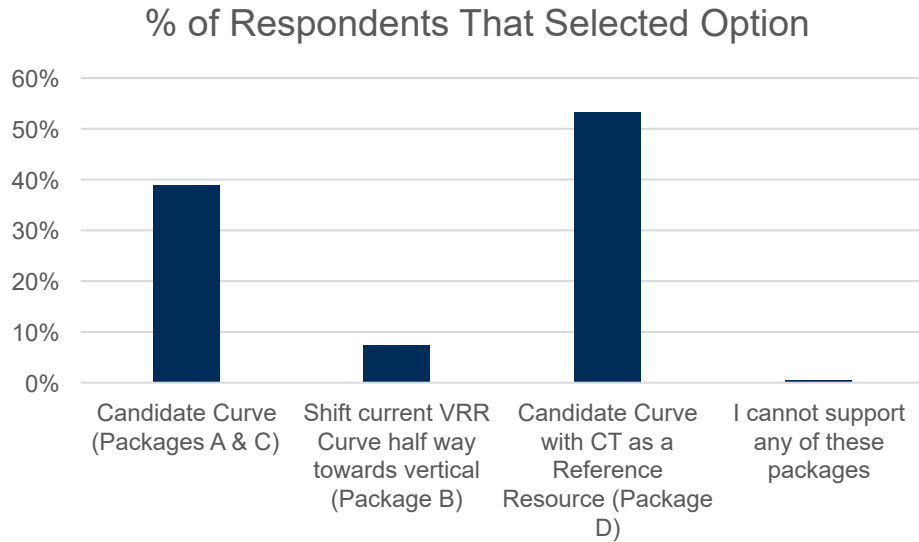
	#	%
CC with major maintenance included and firm gas transportation (Packages A & C)	106	44%
CC, no major maintenance and potential for firm gas transportation (Package B)	15	6%
CT with major maintenance and firm gas (Package D)	122	50%
I cannot support any of these packages	0	0%

Switch to CC as reference unit is overdue.

We continue to believe that the Brattle analysis did not substantiate that there is an overprocurement issue. To the contrary, we remain concerned that the market is not sending the right signals with respect to energy and capacity pricing sufficient to sustain reliability. We need to prioritize the reality that sufficient incentive must continue to exist to incentivize clean resource development and procurement while preventing the premature retirement of critical resources.

Cannot support no major maintenance. Also, can only accept firm gas.

In regard to the VRR Curve Shape, my company can support the following package(s): (Select all that apply.)



	#	%
Candidate Curve (Packages A & C)	89	39%
Shift current VRR Curve half way towards vertical (Package B)	17	7%
Candidate Curve with CT as a Reference Resource (Package D)	122	53%
I cannot support any of these packages	1	0.4%

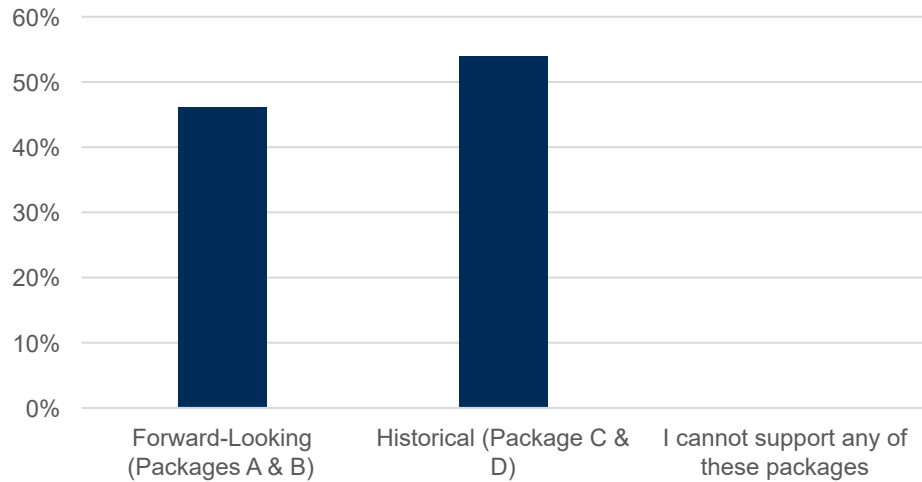
Curve shifts to address persistent over procurement is needed. Package B best addresses this aspect. Concern with packages that include change from 1.5 multiplier to 1.75 multiplier on horizontal portion of candidate curve.

A steeper VRR Curve would result in an underprocurement and send the opposite signal from what would be in the best interest of the reliability of the capacity market.

PJM and the IMM need to come to agreement on this to avoid protracted litigation on the curve shape.

In regard to E&AS Offset Methodology, my company can support the following package(s): (Select all that apply.)

% of Respondents That Selected Option



	#	%
Forward-Looking (Packages A & B)	93	46%
Historical (Package C & D)	109	54%
I cannot support any of these packages	0	0%

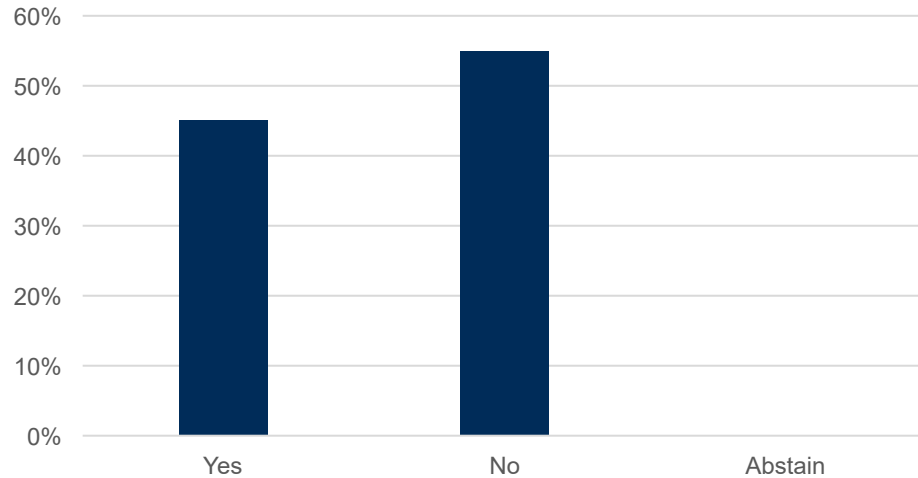
Cannot support continued use of Historical EAS methodology. Forward-looking EAS method strengthens the connection between forward looking prices and expected resource revenues, and is more consistent with the purpose and goals of the Net CONE determination..

Inputs to CONE and unit specific offer caps must be aligned. Since PJM is purchasing on behalf of forecast load three-years forward, it is appropriate to estimate seller costs and revenues, including CONE on forward estimates.

Support of forward-looking E/AS dependent upon further discussion and potential revision of the calculation for both the reference unit and unit-specific calculations to more appropriately reflect market expectations

Do you support Package A?

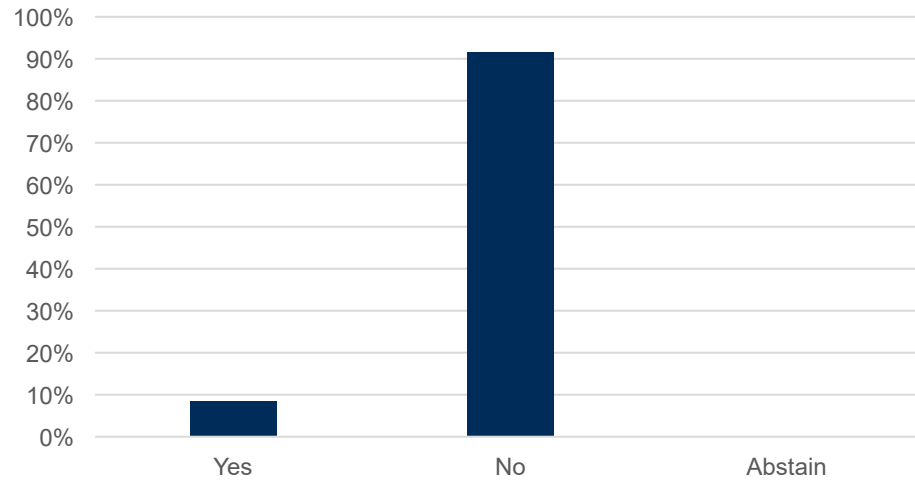
% of Respondents That Selected Option



	#	%
Yes	82	45%
No	100	55%
Abstain	0	

Do you support Package B?

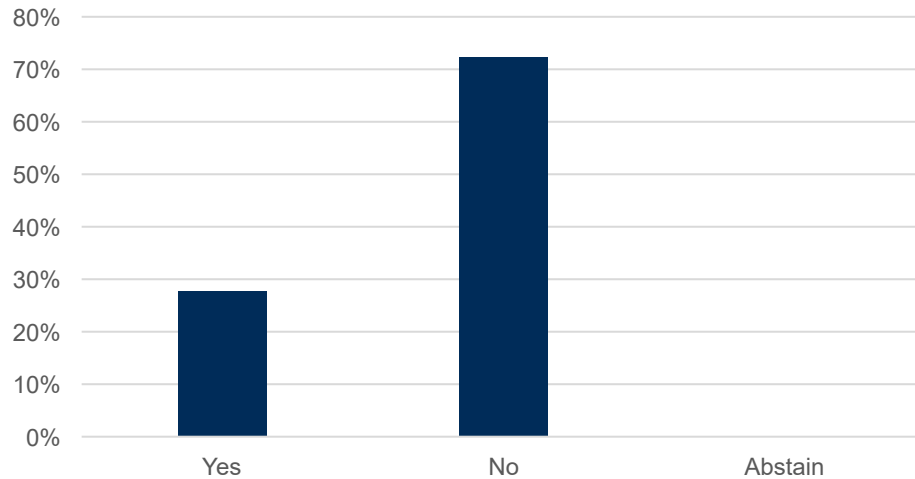
% of Respondents That Selected Option



	#	%
Yes	15	8%
No	163	92%
Abstain	4	

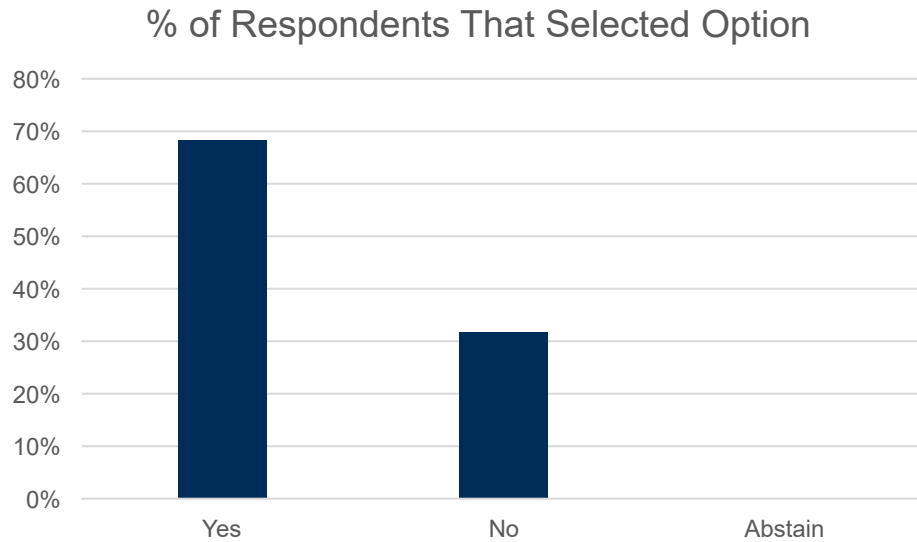
Do you support Package C?

% of Respondents That Selected Option



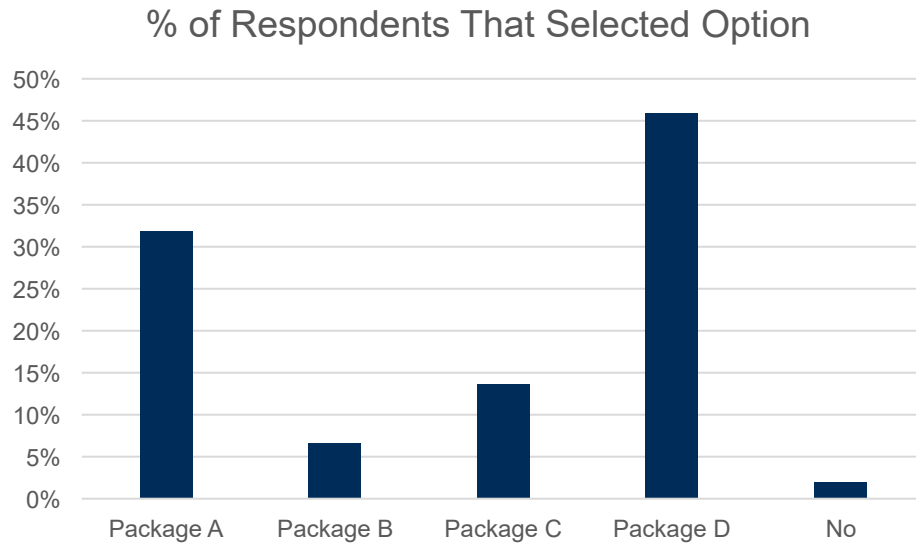
	#	%
Yes	50	28%
No	130	72%
Abstain	2	

Do you support Package D?



	#	%
Yes	123	68%
No	57	32%
Abstain	2	

Does Your company support one or more of these packages over the status quo? Select all packages that apply.

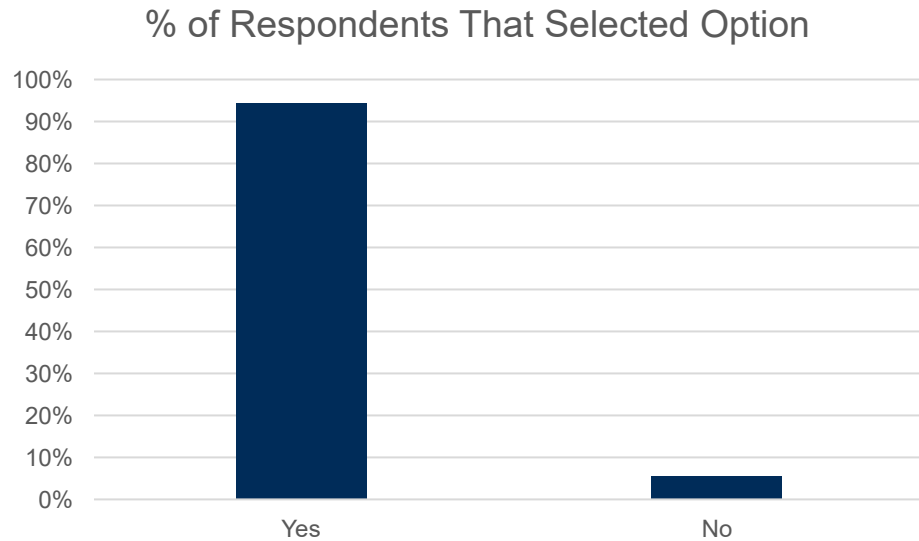


	#	%
Package A	82	32%
Package B	17	7%
Package C	35	14%
Package D	118	46%
No	5	2%

Please rank the packages in order of preference.

	1	2	3	4	N/A	Wtd. Avg.
Package A	67	15	61	7	32	2.95
	45%	10%	41%	5%		
Package B	15	20	7	93	47	1.68
	11%	15%	5%	69%		
Package C	8	105	35	0	34	2.82
	5%	71%	24%	0%		
Package D	92	8	43	35	4	2.88
	52%	4%	24%	20%		

Compared to prior Quadrennial Reviews, did the 2022 Quadrennial Review process, specifically the education and feedback sessions that began in August of 2021 prove to be valuable and provide a benefit to the process?



	#	%
Yes	150	94%
No	9	6%

Being able to have Brattle address questions/concerns on preliminary and draft findings and reports was beneficial to stakeholders

Started earlier and gave opportunities for members to voice concerns and ensure Brattle was looking through all of them.

RPM Settlement requires PJM to make the decision. Quad review is not a stakeholder choice. Too much time soliciting stakeholder positions.

Is there any additional feedback you wish to provide?

The reason that PJM has to make the decision is because stakeholders cannot move from their self interested positions. Questionable whether Brattle remains a neutral party based on their other industry activities.

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Quadrennial Review



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