

2023 Third Quarter Synchronized Reserve Performance

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Operations Committee
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2023	Total Number of Events	Number of Events \geq 10 min
Q1	4	2
Q2	3	0
July	0	0
August	1	0
September	0	0
Year To Date	8	2



Synchronized Reserve Response

Event	1		
Date	08/10/23		
Start Time	00:41:38		
End Time	00:49:11		
Duration	00:07:33		
Region	RTO		
Resource Type	Gen	DR	Total
Assigned (MW)	2214.5	100.5	2315.0
Estimated Expected Response (MW)	1671.9	75.9	1747.8
Actual Response (MW)	756.0	76.3	832.2
Percent Response To Estimated Expected Response (%)	45.2%	100.5%	47.6%
Percent Response To Assignment (%)	34.1%	75.9%	35.9%
Penalty (MW)	0.0	0.0	0.0



All Event Performance

2023	Synchronized Reserve Response						Zone	
	Generation		Response Percent	DSR		Response Percent	RTO	MAD
	Response	Assigned		Response	Assigned			
2023 Q1	5,603	7,193	78%	444	636	70%	3	1
2023 Q2	2,926	7,842	37%	412	555	74%	3	0
Jul								
Aug	756	2,215	34%	76	101	76%	1	0
Sep								
YTD	9,285	17,250	54%	932	1,292	72%	7	1



Ten Minute Or Greater Event Performance

2023	Synchronized Reserve Response						Zone	
	Generation		Response Percent	DSR		Response Percent	RTO	MAD
	Response	Assigned		Response	Assigned			
2023 Q1	1,967	3,557	55%	333	525	63%	2	0
2023 Q2	0	0	100%	0	0	100%	0	0
Jul								
Aug								
Sep								
YTD	1,967	3,557	55%	333	525	63%	2	0



Synchronized Reserve Penalties

2023	Synchronized Reserve Penalties (\$)
Q1	2,058,397.31
Q2	0.00
July	0.00
August	0.00
September	0.00
Year To Date	2,058,397.31

- There were 35 Synchronized Reserve Events between November 1, 2021 and October 31, 2023 with an average days between events of 18.94 days.
- The 2024 penalty days effective January 1, 2024 is 18 days.
- The 2023 penalty days was 21 days.

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**2023 Third Quarter Synchronized Reserve
Performance**



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