

# 2022 Third Quarter Synchronized Reserve Performance

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Operations Committee

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2022	Total Number of Events	Number of Events $\geq$ 10 min
1 <sup>st</sup> Quarter	2	0
2 <sup>nd</sup> Quarter	9	3
July	1	0
August	0	0
September	2	0
Year To Date	14	3



# Synchronized Reserve Response

Event Date	Event Duration (HH:MM:SS)	Tier 1 Estimate (MW)	Tier 1 Response (MW)	Tier 2 Assigned (MW)	Tier 2 Response (MW)
07/07/22	00:07:52	806	522	952	952
09/26/22	00:06:02	2,543	1,593	0	0
09/29/22	00:06:11	438	619	1,168	1,168

\*Tier 2 Response is equal to Tier 2 Assigned for events less than ten minutes



# All Event Performance

2022	Tier 1 Response			Tier 2 Response						Zone	
	Generation Response	Response Percent	DSR Response	Generation		Response Percent	DSR		Response Percent	RTO	MAD
			Non-Tier 1 Estimate	Response	Assigned		Response	Assigned			
2022 Q1	1,173	61%	195	1,252	1,252	100%	379	379	100%	2	0
2022 Q2	4,956	72%	493	6,247	6,797	92%	1,636	1,805	91%	9	0
Jul	522	65%	98	978	978	100%	282	282	100%	1	
Aug											
Sep	2,212	74%	58	750	750	100%	418	418	100%	2	
YTD	8,863	70%	844	9,227	9,778	94%	2,715	2,883	94%	14	0



# Ten Minute Or Greater Event Performance

2022	Tier 1 Response			Tier 2 Response						Zone	
	Generation Response	Response Percent	DSR Response	Generation		Response Percent	DSR		Response Percent	RTO	MAD
			Non-Tier 1 Estimate	Response	Assigned		Response	Assigned			
2022 Q1	0	100%	0	0	0	100%	0	0	100%	0	0
2022 Q2	1,956	67%	97	1,173	1,723	68%	344	513	67%	3	0
Jul											
Aug											
Sep											
YTD	1,956	67%	97	1,173	1,723	68%	344	513	67%	3	0



# Tier 1 Credits And Tier 2 Penalties

2022	Tier 1 Credits	Tier 2 Penalties
1 <sup>st</sup> Quarter	19,760	0
2 <sup>nd</sup> Quarter	185,950	986,812
July	14,594	0
August		
September	26,012	0
Year To Date	246,315	986,812

- There were 35 Synchronized Reserve Events between November 1, 2020 and October 31, 2022 with an average days between events of 21.34 days.
- The 2023 penalty days effective January 1, 2023 is 21 days.
- The 2022 penalty days was 22 days.

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**2022 Third Quarter Synchronized Reserve  
Performance**



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