

2024 Second Quarter Synchronized Reserve Performance

David Kimmel
Sr. Engineer, Performance Compliance
Operations Committee
September 12, 2024

2024	Total Number of Events	Number of Events \geq 10 min
Q1	4	1
April	2	0
May	0	0
June	2	0
Year To Date	8	1



Synchronized Reserve Response

Event	1			2		
Date	04/04/24			04/13/24		
Start Time	10:50:20			00:36:37		
End Time	10:55:35			00:43:43		
Duration	00:05:15			00:07:06		
Region	RTO			RTO		
Resource Type	Gen	DR	Total	Gen	DR	Total
Assigned (MW)	1517	402	1919	1716	253	1970
Estimated Expected Response (MW)	796	211	1008	1219	180	1398
Actual Response (MW)	296	220	516	501	85	585
Percent Response To Estimated Expected Response(%)	37%	104%	51%	41%	47%	42%
Penalty (MW)	0	0	0	0	0	0

Event	1			2		
Date	06/03/24			06/29/24		
Start Time	18:53:27			21:03:55		
End Time	19:02:02			21:09:31		
Duration	00:08:35			00:05:36		
Region	RTO			RTO		
Resource Type	Gen	DR	Total	Gen	DR	Total
Assigned (MW)	2987	346	3333	1627	318	1945
Estimated Expected Response (MW)	2564	297	2861	911	178	1089
Actual Response (MW)	1549	245	1794	759	202	961
Percent Response To Estimated Expected Response(%)	60%	83%	63%	83%	113%	88%
Penalty (MW)	0	0	0	0	0	0

2024	Synchronized Reserve Response						Zone	
	Generation		Response Percent	DSR		Response Percent	RTO	MAD
	Response	Assigned		Response	Assigned			
2024 Q1	3,637	8,556	43%	1,132	1,428	79%	3	1
Apr	796	3,233	25%	305	656	47%	2	0
May								
Jun	2,308	4,614	50%	448	664	67%	2	0
YTD	6,742	16,404	41%	1,885	2,748	69%	7	1



Ten Minute Or Greater Event Performance

2024	Synchronized Reserve Response						Zone	
	Generation		Response Percent	DSR		Response Percent	RTO	MAD
	Response	Assigned		Response	Assigned			
2024 Q1	706	1,843	38%	20	100	20%	0	1
Apr								
May								
Jun								
YTD	706	1,843	38%	20	100	20%	0	1

2024	Synchronized Reserve Penalties (\$)
Q1	262,251.22
April	0.00
May	0.00
June	0.00
Year To Date	262,251.22

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**2024 Second Quarter Synchronized Reserve
Performance**



Member Hotline

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