

# 2020 First Quarter Synchronized Reserve Performance

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Operations Committee  
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2020	Total Number of Events	Number of Events > 10 min
January	2	0
February	4	1
March	1	0
Year To Date	7	1

Event Date	Event Duration (Min)	Tier 1 Estimate (MW)	Tier 1 Response (MW)	Tier 2 Assigned (MW)	Tier 2 Response (MW)
01/20/20	8	1,904	766	215	215
01/23/20	9	2,085	1,073	201	201
02/07/20	6	1,233	730	588	588
02/07/20	8	1,961	826	303	303
02/10/20	9	1,333	824	562	562
02/18/20	10	2,216	1,435	40	2
03/08/20	5	1,541	660	50	50

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

2020 MW	Tier 1			Tier 2 Response						Zone	
	Generation Response	Response Percent	DSR Response	Generation		Response Percent	DSR		Response Percent		
			Non-Tier 1 Estimate	Response	Assigned		Response	Assigned		RTO	MAD
Jan	1,839	46%	62	382	382	100%	34	34	100%	1	1
Feb	3,815	57%	129	1,174	1,212	97%	281	281	100%	4	0
Mar	660	43%	0	40	40	100%	10	10	100%	0	1
YTD	6,314	51%	191	1,596	1,634	98%	324	324	100%	5	2

# Ten Minute Or Greater Event Performance

2020 MW	Tier 1			Tier 2 Response						Zone	
	Generation Response	Response Percent	DSR Response	Generation		Response Percent	DSR		Response Percent		
			Non-Tier 1 Estimate	Response	Assigned		Response	Assigned		RTO	MAD
Jan											
Feb	1,435	65%	0	2	40	4%	0	0	100%	1	0
Mar											
YTD	1,435	65%	0	2	40	4%	0	0	100%	1	0

2020	Tier 1 Credits	Tier 2 Penalties
January	\$22,662	\$0
February	\$57,414	\$8,955
March	\$3,514	\$0
Year To Date	\$83,590	\$8,955