

# 2021 First Quarter Synchronized Reserve Performance

David Kimmel

Sr. Engineer, Performance Compliance

Operations Committee

June 10, 2021

2021	Total Number of Events	Number of Events $\geq$ 10 min
January	1	0
February	0	0
March	1	1
Year To Date	2	1

Event Date	Event Duration (HH:MM:SS)	Tier 1 Estimate (MW)	Tier 1 Response (MW)	Tier 2 Assigned (MW)	Tier 2 Response (MW)
01/24/21	00:06:28	2,135	578	573	573
03/09/21	00:10:56	1,355	635	884	541

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



# All Event Performance

2021	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			
Jan	578	27%	35	332	332	100%	242	242	100%	1	
Feb											
Mar	635	47%	117	304	597	51%	236	287	82%	1	
YTD	1,213	35%	152	636	929	69%	478	529	90%	2	0



# Ten Minute Or Greater Event Performance

2021	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			
Jan											
Feb											
Mar	635	47%	117	304	597	51%	236	287	82%	1	
YTD	635	47%	117	304	597	51%	236	287	82%	1	0



# Tier 1 Credits And Tier 2 Penalties

2021	Tier 1 Credits	Tier 2 Penalties
January	\$6,796	\$0
February		
March	\$15,729	\$86,640
Year To Date	\$22,525	\$86,640

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**2021 First Quarter Synchronized Reserve  
Performance**



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