

A decorative graphic consisting of several thin, overlapping, wavy lines in shades of grey and white, positioned at the top center of the slide.

# 2021 Second Quarter Synchronized Reserve Performance

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Operations Committee  
September 10, 2021

2021	Total Number of Events	Number of Events $\geq 10$ min
1 <sup>st</sup> Quarter	2	1
April	2	1
May	1	1
June	2	0
Year To Date	7	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)
04/13/21	00:08:51	2,093	976	345	345
04/30/21	00:11:37	1,488	610	508	407
05/26/21	00:10:01	1,138	811	685	600
06/21/21	00:06:57	2,341	1,764	30	30
06/22/21	00:04:43	2,277	1,368	0	0

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

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			
2021 Q1	1,213	35%	152	636	929	69%	478	529	90%	2	0
Apr	1,586	44%	125	393	410	96%	360	444	81%	2	
May	811	71%	71	386	442	87%	214	253	84%	1	
Jun	3,132	68%	41	30	30	100%	0	0	100%	2	
YTD	6,742	53%	388	1,445	1,810	80%	1,052	1,226	86%	7	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			
2021 Q1	635	47%	117	304	597	51%	236	287	82%	1	0
Apr	610	41%	57	248	265	94%	159	244	65%	1	
May	811	71%	71	386	442	87%	214	253	84%	1	
Jun											
YTD	2,057	52%	244	939	1,303	72%	610	784	78%	3	0

# Tier 1 Credits And Tier 2 Penalties

2021	Tier 1 Credits	Tier 2 Penalties
1 <sup>st</sup> Quarter	\$22,525	\$86,640
April	\$40,442	\$110,145
May	\$21,822	\$42,617
June	\$16,275	\$0
Year To Date	\$101,065	\$239,402

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## 2021 Second Quarter Synchronized Reserve Performance



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