

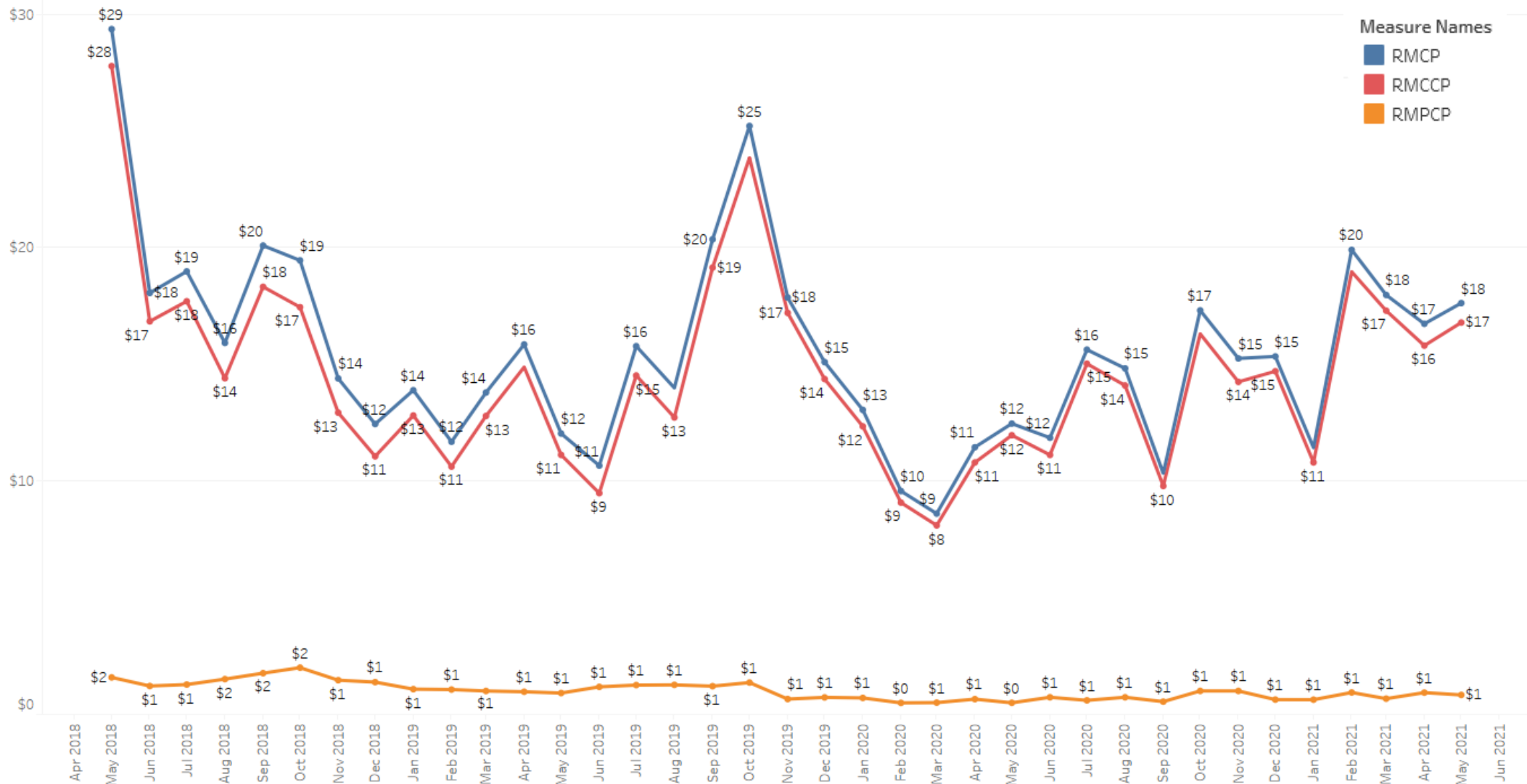


# Regulation Update

Gabby Genuario  
Performance Compliance  
Operating Committee  
June 10, 2021

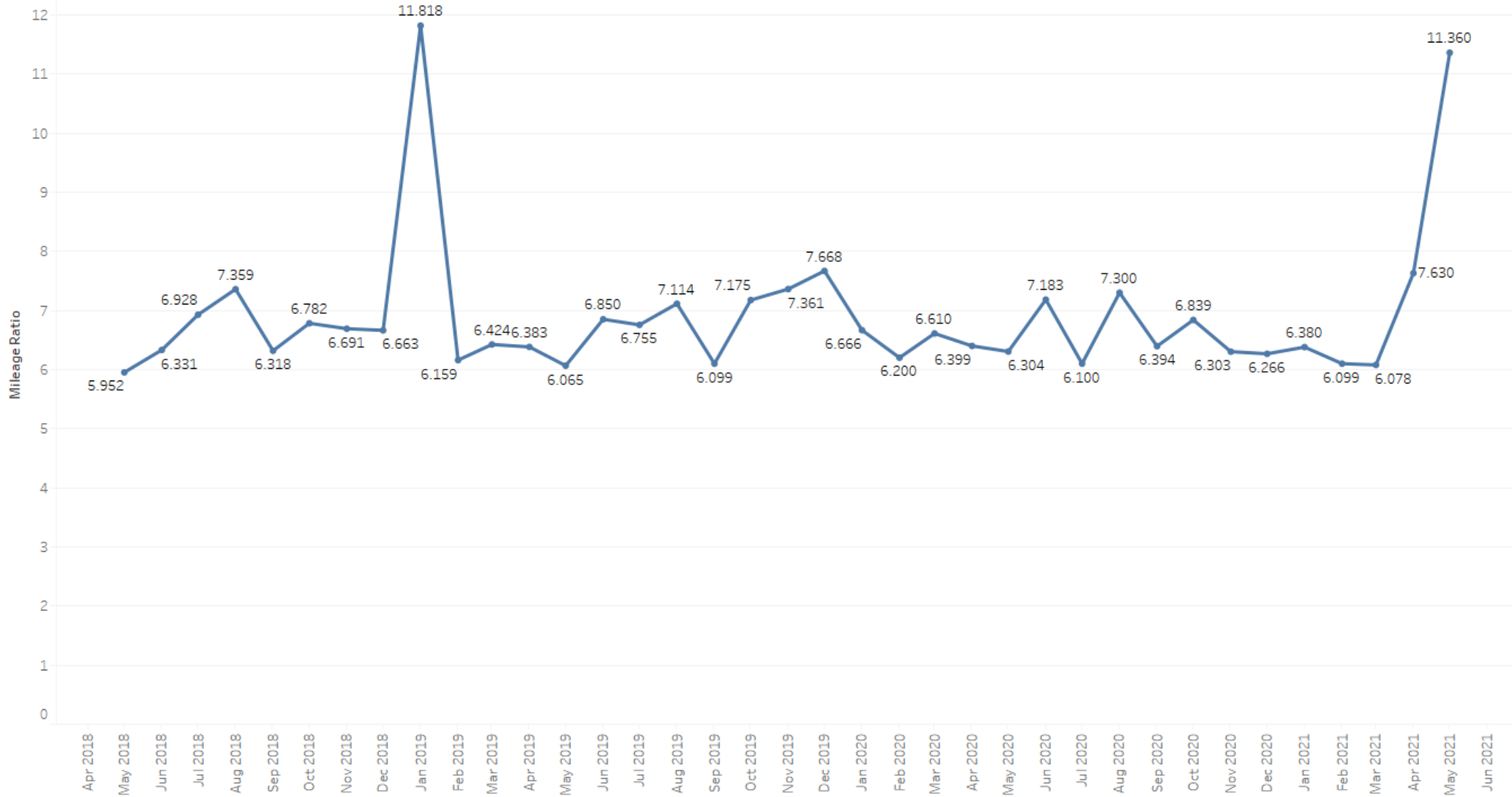


# Average Regulation Market Clearing Prices Per Month



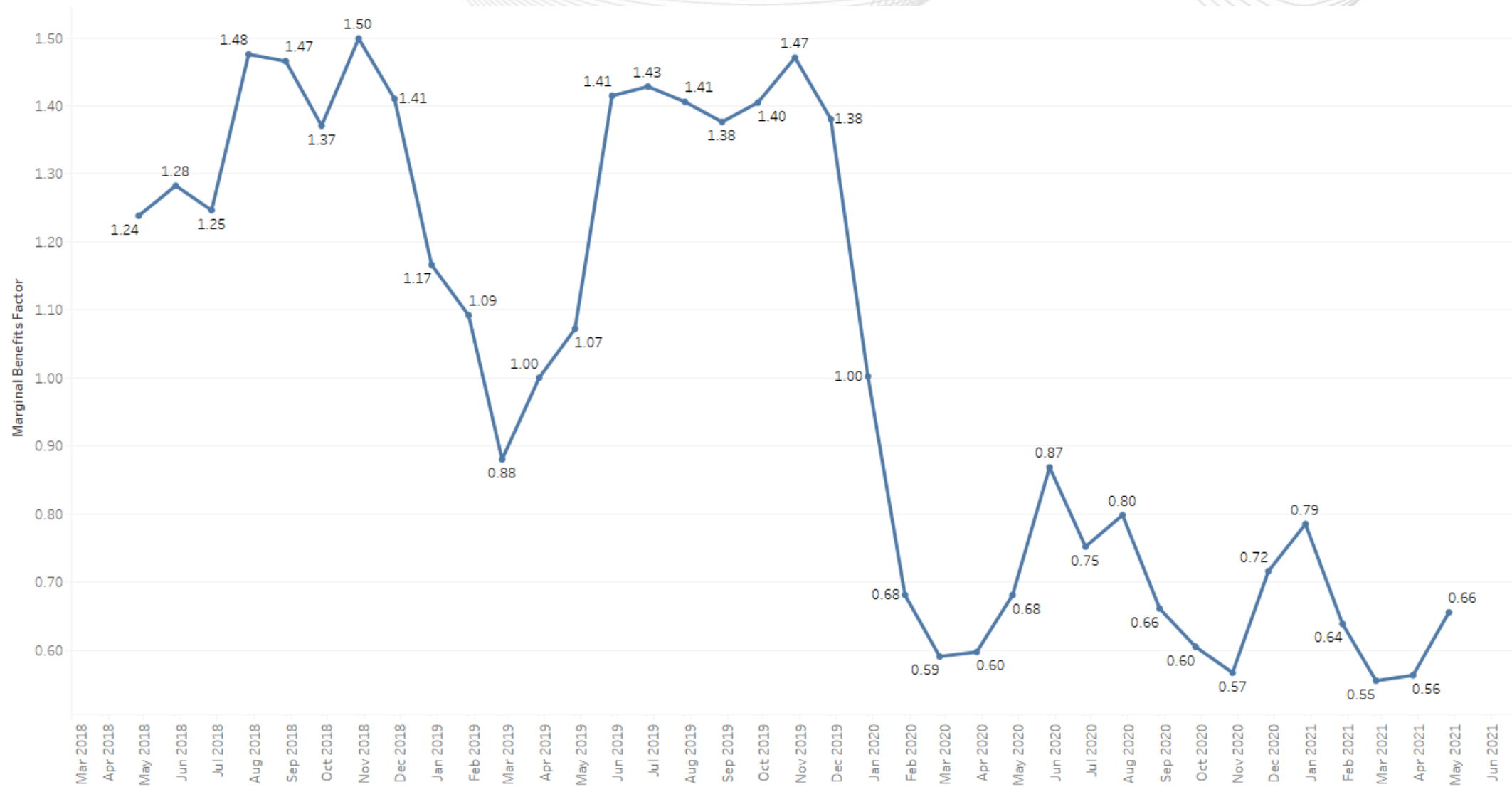


# Average Mileage Ratio Per Month





# Average Marginal Benefits Factor Per Month



Season	Dates	Off-Ramp	On-Ramp	Effective MW Requirement
Winter	Dec 1 – Feb 29	HE1 – HE4, HE10 – HE16	HE5 – HE9, HE17 – HE24	Non-Ramp = 525MW Ramp = 800MW
Spring	Mar 1 – May 31	HE1 – HE5 HE9 – HE17	HE6 – HE8 HE18- HE24	Non-Ramp = 525MW Ramp = 800MW
<b>Summer</b>	<b>Jun 1 - Aug 31</b>	<b>HE1 – HE5 HE15 – HE18</b>	<b>HE6 – HE14 HE19- HE24</b>	<b>Non-Ramp = 525MW Ramp = 800MW</b>
Fall	Sep 1– Nov 30	HE1 – HE5 HE9 – HE17	HE6 – HE8 HE18- HE24	Non-Ramp = 525MW Ramp = 800MW

MW	Steam	Hydro	CT	DSR
<b>Regulation A</b>				
Avg. Performance Score (1/2017)	75%	86%	84%	85%
Avg. Performance Score (1/2018)	78%	87%	84%	84%
Avg. Performance Score (1/2019)	79%	88%	85%	83%
Avg. Performance Score (1/2020)	82%	88%	86%	81%
Avg. Performance Score (6/2021)	83%	88%	87%	79%
<b>Regulation A Qualified MW (6/21)</b>	5080.5	838	1550.4	5.4

MW	Hydro	CT	Energy Storage	DSR
<b>Regulation D</b>				
Avg. Performance Score (1/2017)	77%	90%	96%	85%
Avg. Performance Score (1/2018)	77%	92%	92%	84%
Avg. Performance Score (1/2019)	80%	85%	93%	85%
Avg. Performance Score (1/2020)	80%	85%	91%	87%
Avg. Performance Score (6/2021)	80%	85%	90%	85%
<b>Regulation D Qualified MW (6/21)</b>	334	132.4	251.5	19.5



# How long the signal is automatically pegged

- RegD

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
20-30 min. duration	0	1	3	2	2	3	2	2	5	10	4	3	4	2	4	1	5	1	4	8
>30 min. duration	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0

- RegA

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
20-30 min. duration	44	40	46	44	45	88	66	85	71	101	93	71	80	79	55	80	74	93	104	85
>30 min. duration	19	10	21	12	22	56	35	30	45	67	65	36	57	48	40	32	57	50	64	63

\*Data through 5/26/21



## Regulation OC Update

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