

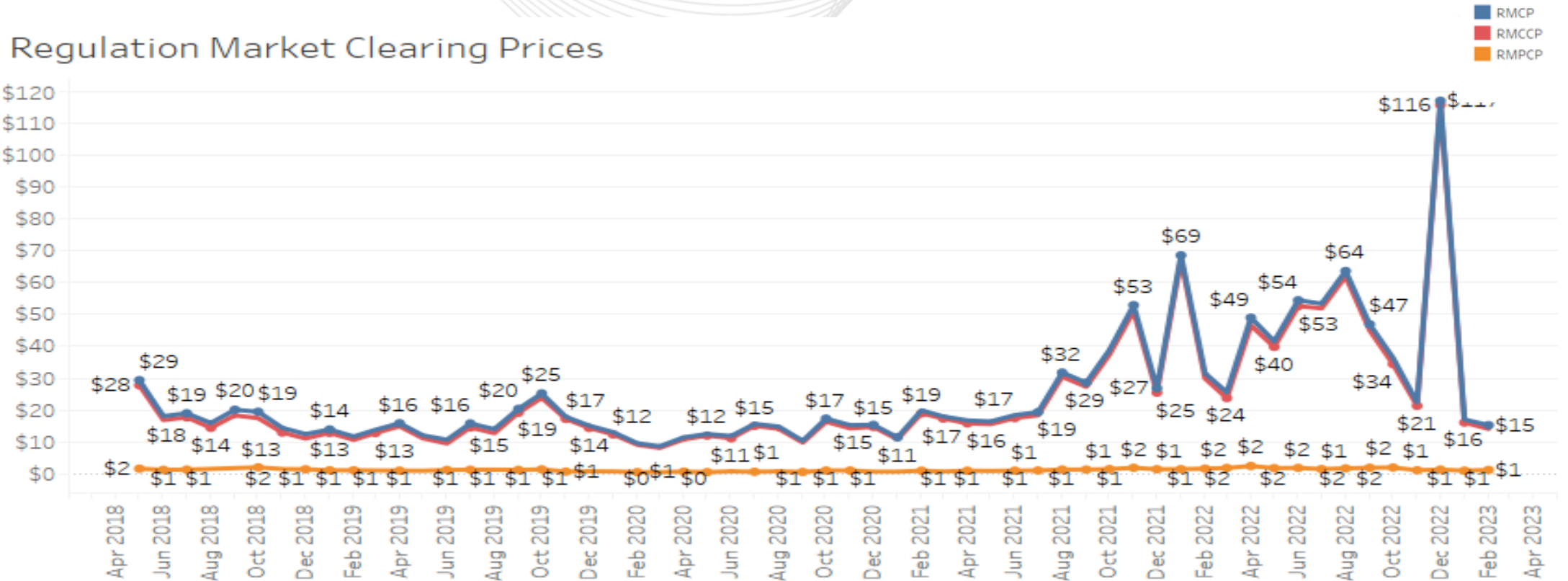


Regulation Performance Update

Ilyana Dropkin
Performance Compliance
Operating Committee
March 9, 2023

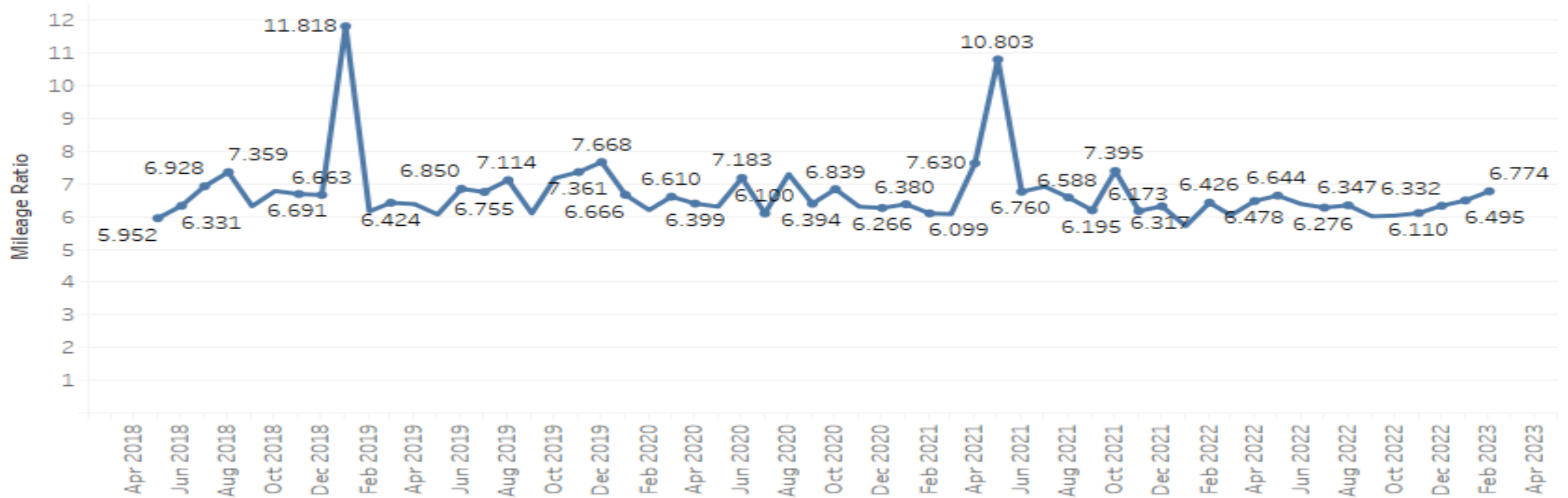


Average Regulation Market Clearing Prices Per Month



*Data through 2/26/2023

Average Mileage Ratio Per Month

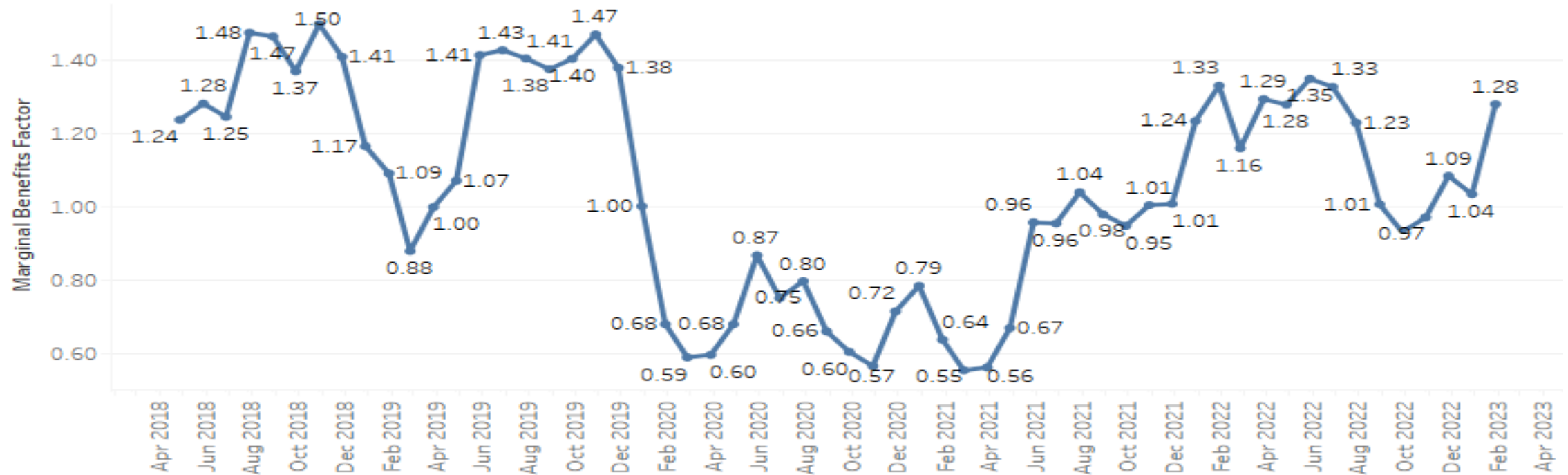


*Data through 2/26/2023



Average Marginal Benefits Factor Per Month

Monthly Average Marginal Benefits Factor



*Data through 2/26/2023

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
Summer	Jun 1 - Aug 31	HE1 – HE5 HE15 – HE18	HE6 – HE14 HE19- HE24	Non-Ramp = 525MW Ramp = 800MW
Fall	Sep 1– Nov 30	HE1 – HE5 HE9 – HE17	HE6 – HE8 HE18- HE24	Non-Ramp = 525MW Ramp = 800MW

MW	Steam	Hydro	CT	DSR
Regulation A				
Avg. Performance Score (2/2022)	80%	89%	88%	80%
Avg. Performance Score (5/2022)	79%	92%	88%	80%
Avg. Performance Score (8/2022)	80%	92%	88%	80%
Avg. Performance Score (11/2022)	80%	91%	88%	80%
Avg. Performance Score (2/2023)	80%	93%	88%	80%
Regulation A Qualified MW (2/2023)	5300.5	873	1666.4	5.4

*Data through 2/26/23



Regulation D Performance

MW	Hydro	CT	Energy Storage	DSR
Regulation D				
Avg. Performance Score (2/2022)	80%	89%	90%	80%
Avg. Performance Score (5/2022)	79%	92%	91%	80%
Avg. Performance Score (8/2022)	79%	87%	92%	86%
Avg. Performance Score (11/2022)	78%	86%	93%	86%
Avg. Performance Score (2/2023)	77%	85%	90%	83%
Regulation D Qualified MW (2/2023)	334.0	62.4	214.3	55.4

*Data through 2/26/23



How long the signal is automatically pegged

- RegD

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
20-30 min. duration	10	4	7	11	2	5	2	6	5	7	3	7	2	4	12	3	7
>30 min. duration	0	0	0	0	0	0	0	0	0	1	0	0	0	0	7	0	1

- RegA

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Ma y	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
20-30 min. duration	86	75	71	68	46	42	37	70	68	71	67	86	77	54	82	76	57
>30 min. duration	51	34	33	30	17	21	13	27	26	24	26	34	28	30	54	37	20

*Data through 2/26/23

Regulation OC Update

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