

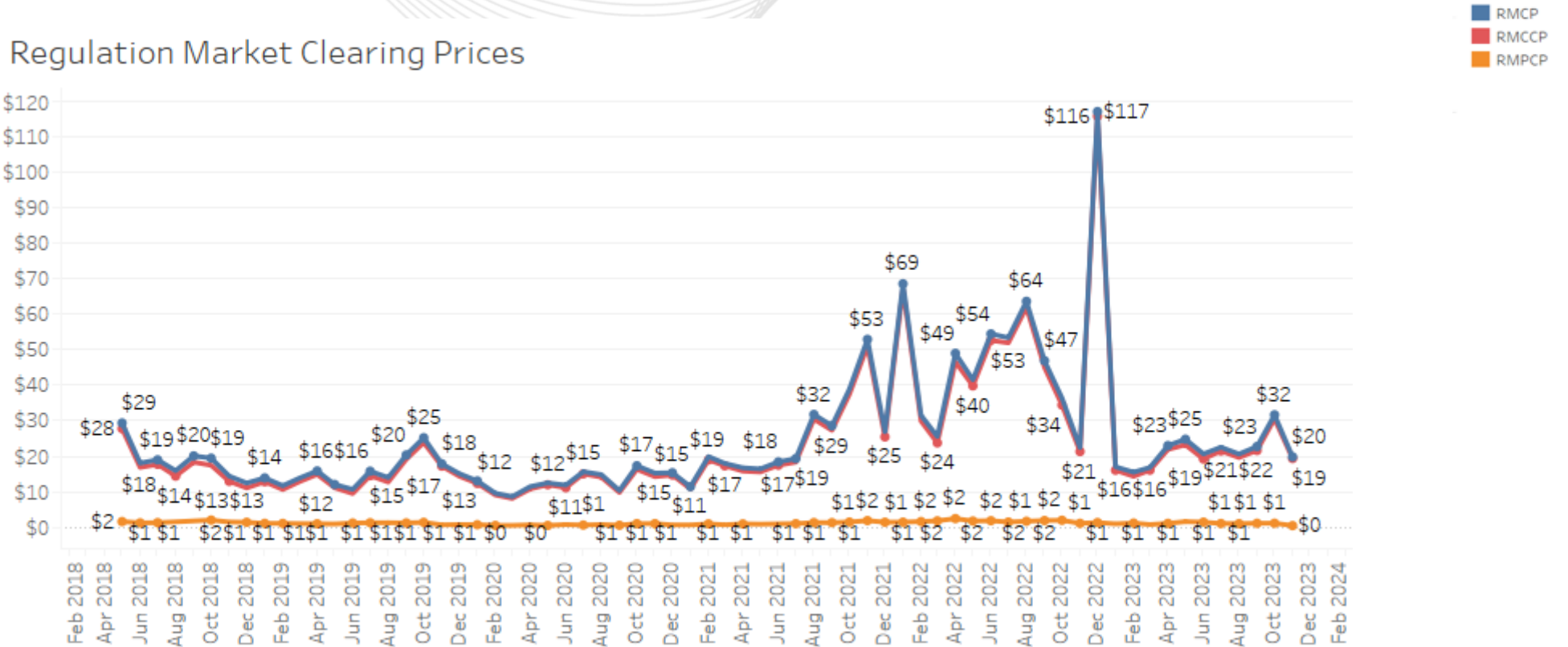


Regulation Performance Update

Ilyana Dropkin, Sr. Engineer
Performance Compliance
Operating Committee
December 7, 2023

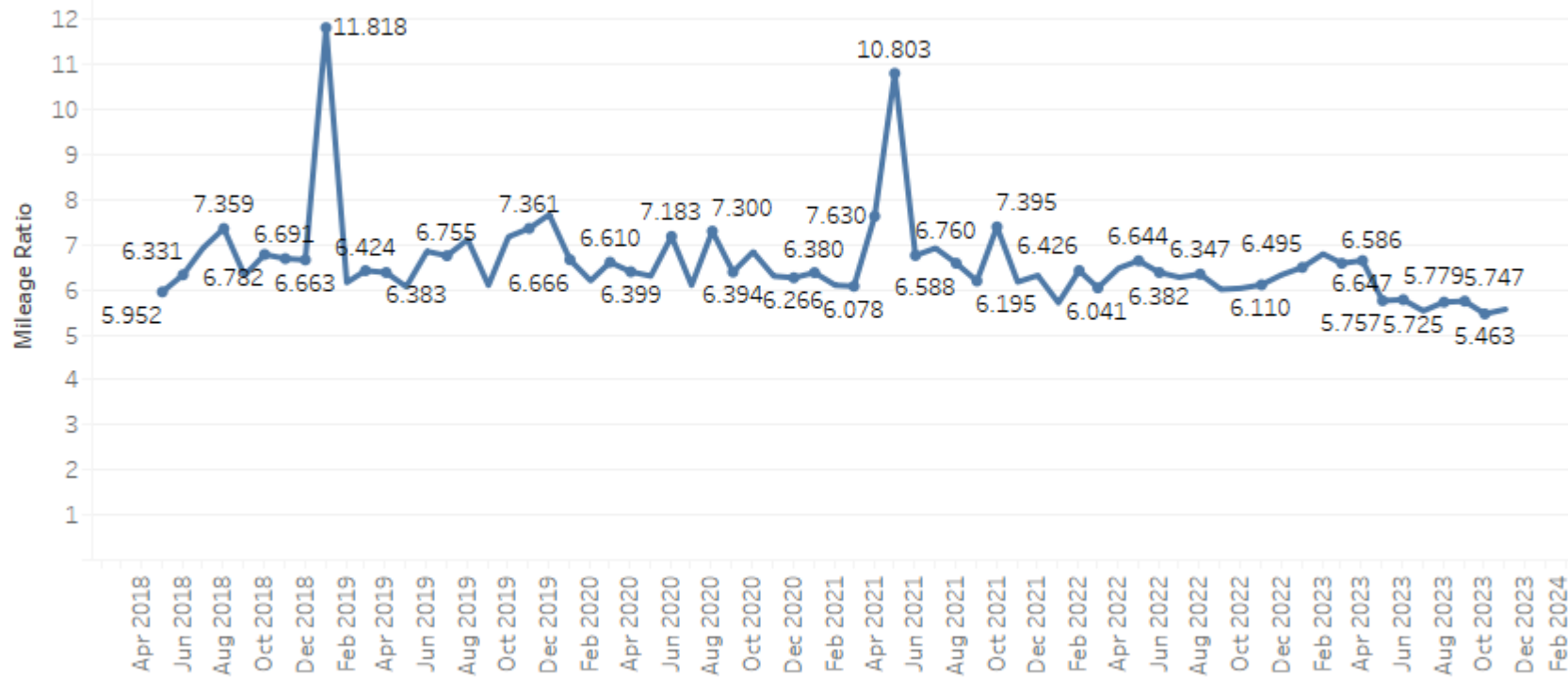


Average Regulation Market Clearing Prices Per Month



*Data through 11/28/2023

Average Mileage Ratio Per Month

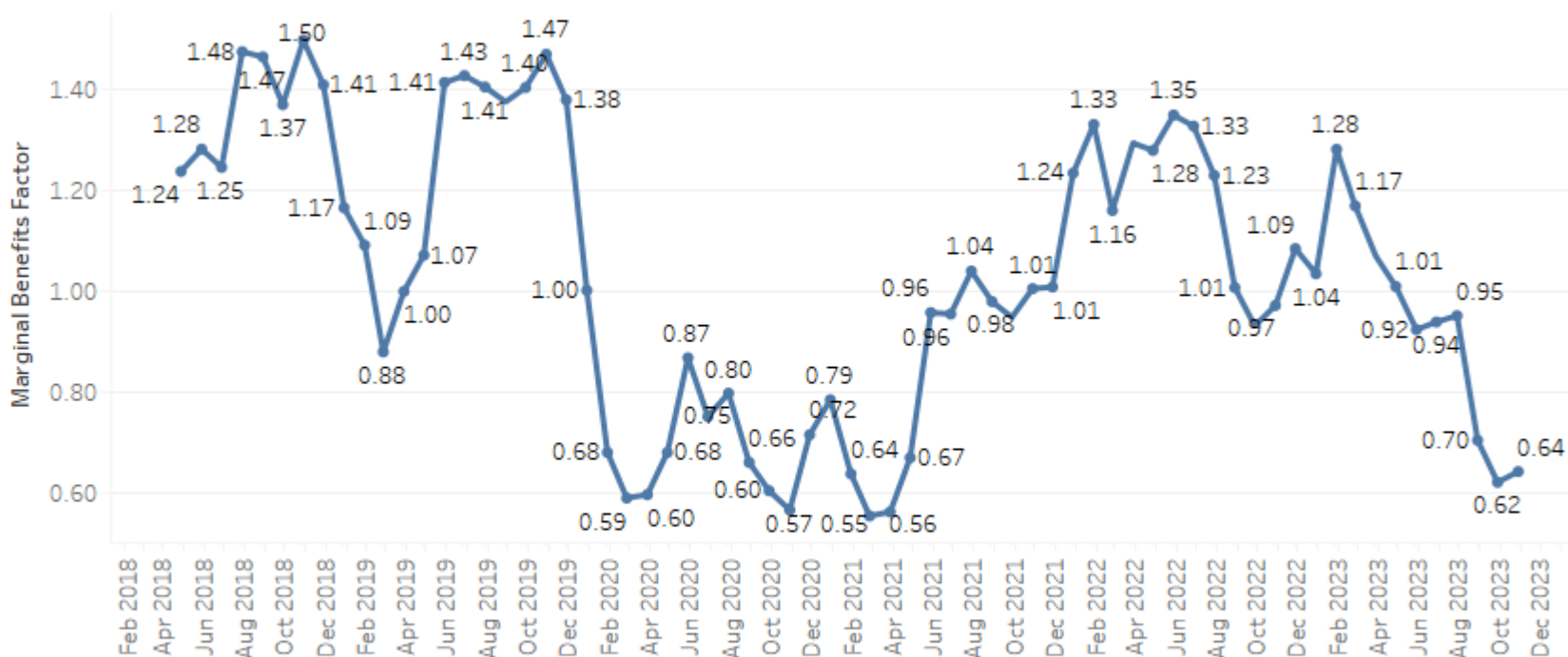


*Data through 11/28/2023



Average Marginal Benefits Factor Per Month

Monthly Average Marginal Benefits Factor



*Data through 11/28/2023

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



Regulation A Performance

MW	Steam	Hydro	CT	DSR
Regulation A				
Avg. Performance Score (11/2022)	80%	91%	88%	80%
Avg. Performance Score (2/2023)	80%	93%	88%	80%
Avg. Performance Score (5/2023)	80%	88%	88%	80%
Avg. Performance Score (8/2023)	79%	90%	88%	80%
Avg. Performance Score (11/2023)	79%	90%	88%	80%
Regulation A Qualified MW (11/2023)	5230.5	873	1873.4	5.4

*Data through 11/28/23

MW	Hydro	CT	Energy Storage	DSR
Regulation D				
Avg. Performance Score (11/2022)	78%	86%	93%	86%
Avg. Performance Score (2/2023)	77%	85%	90%	83%
Avg. Performance Score (5/2023)	78%	81%	91%	85%
Avg. Performance Score (8/2023)	78%	83%	91%	86%
Avg. Performance Score (11/2023)	78%	83%	92%	85%
Regulation D Qualified MW (11/2023)	334.0	132.4	256.4	67.8

*Data through 11/28/23



How long the signal is automatically pegged

- RegD

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
20-30 min. duration	7	3	7	2	4	12	3	7	9	3	2	3	4	2	0	4	1
>30 min. duration	1	0	0	0	0	7	0	1	1	0	0	0	0	1	0	0	0

- RegA

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
20-30 min. duration	71	67	86	77	54	82	76	59	74	76	33	60	57	55	75	69	67
>30 min. duration	24	26	34	28	30	54	37	22	46	41	9	24	34	31	31	39	26

*Data through 11/28/23

Regulation OC Update

SME/Presenter:

*Ilyana Dropkin,
Ilyana.Dropkin@pjm.com*

*Performance Compliance Department,
PerfCompDept@pjm.com*



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

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