



Philippine Electricity
Market Corporation

MONTHLY FORECAST ACCURACY STANDARDS RESULT

February 2025 Billing Period

23 May 2025 | MS Teams

REQUESTED ACTION

FOR INFORMATION

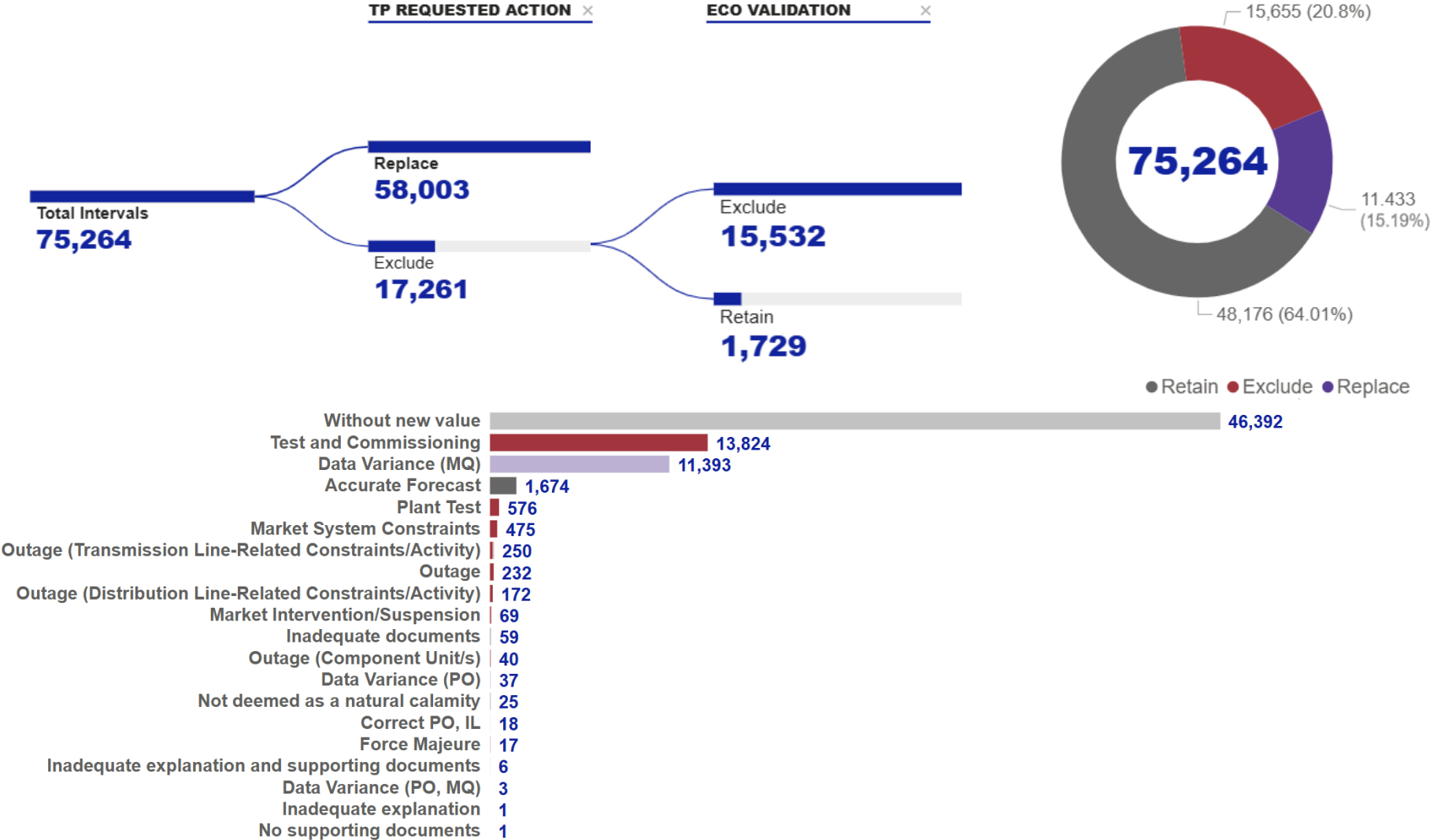
SUMMARY OF WESM REGISTRATION ON MUST DISPATCH GENERATING UNITS

Technology	No. of Resources in Luzon	No. of Resources in Visayas	No. of Resources in Mindanao	Total
Run of River	21	3	16	40
Solar	51	11	5	67
Wind	5	2	0	7
Total	77	16	21	114

- As of February 2025, there are **129** facilities registered as MDGU in the WESM.
- Monitored Facilities: **114** across Luzon, Visayas, and Mindanao
- Facilities under Test and Commissioning: **15**

TOTAL INTERVALS WITH REQUESTED ACTION & ECO ASSESSMENT – FEBRUARY 2025

ECO ASSESSMENT



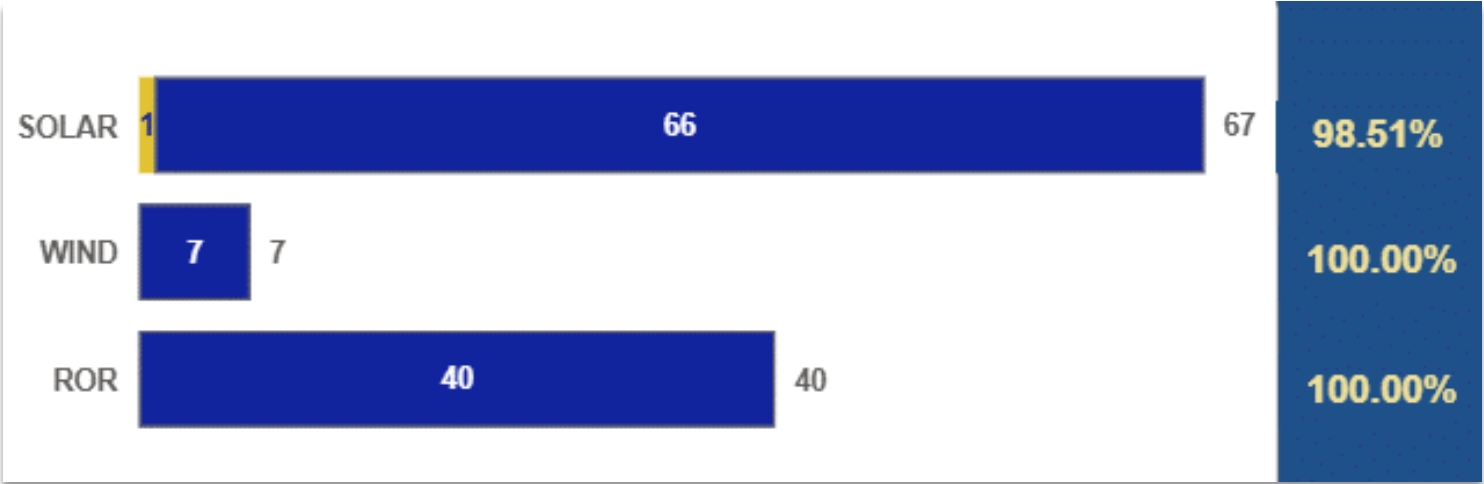
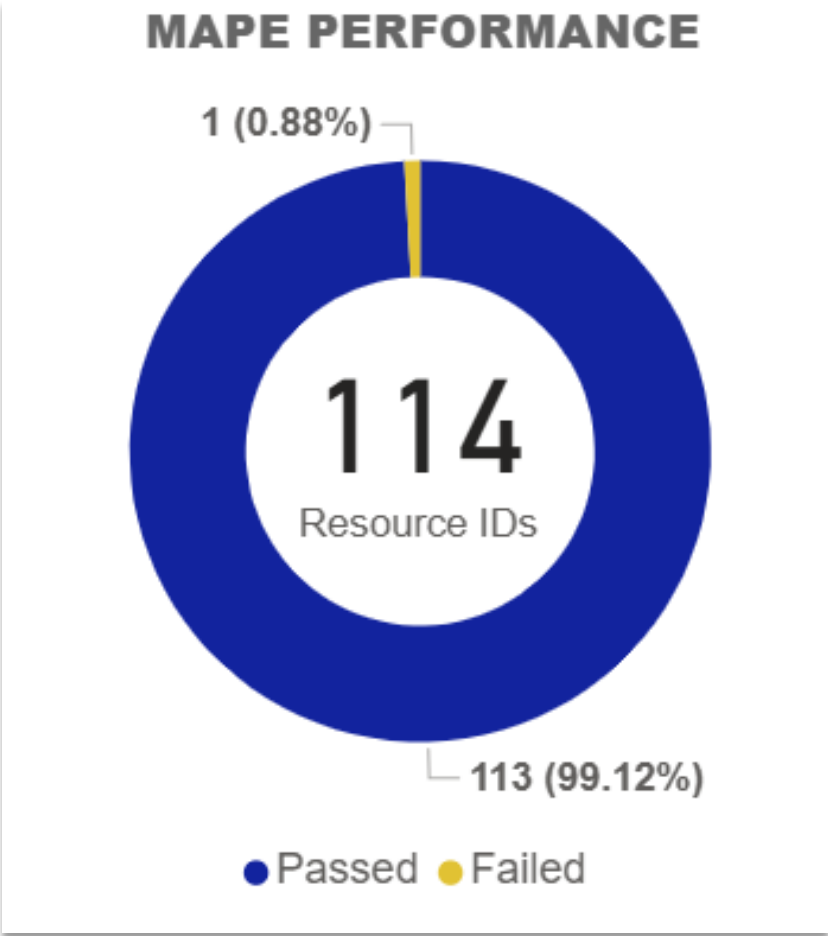
ECO received a total of **75,264** intervals with requested action.

- **Request for Exclusion:** 17,261 intervals
- **Request for Data Replacement:** 58,003 intervals

Out of the **58,003** intervals requesting replacement due to possible Data Variance, **11,433** intervals were replaced, **46,447** were retained, and **123** were excluded

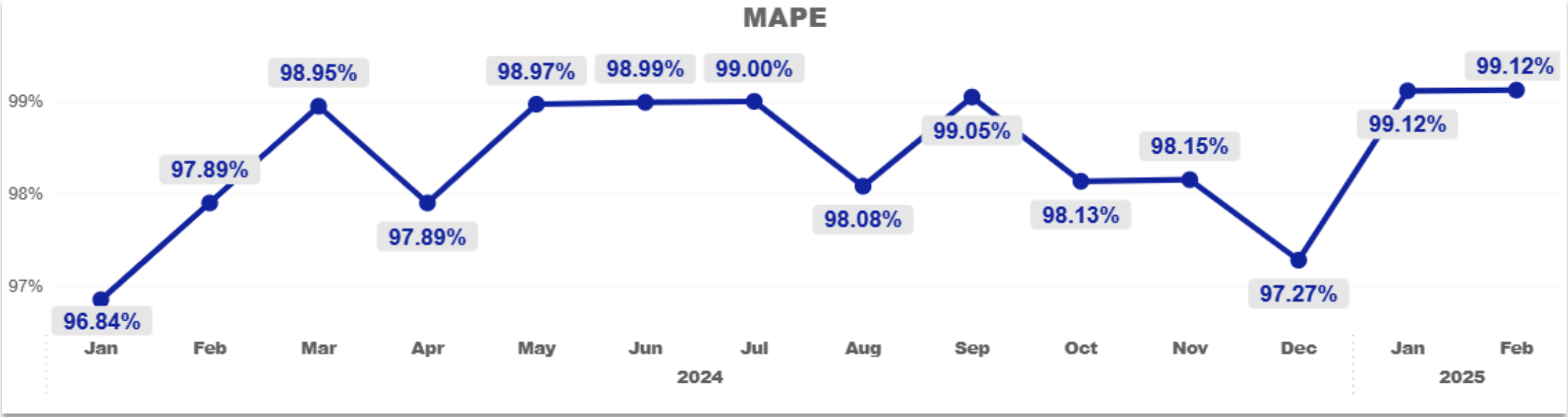
Out of **17,261** intervals requesting exclusion, **1,729** intervals were retained, and **15,532** intervals were excluded after the ECO's assessment.

FEBRUARY 2025 FINAL FAS REPORT (OVERALL PASSING RATE)



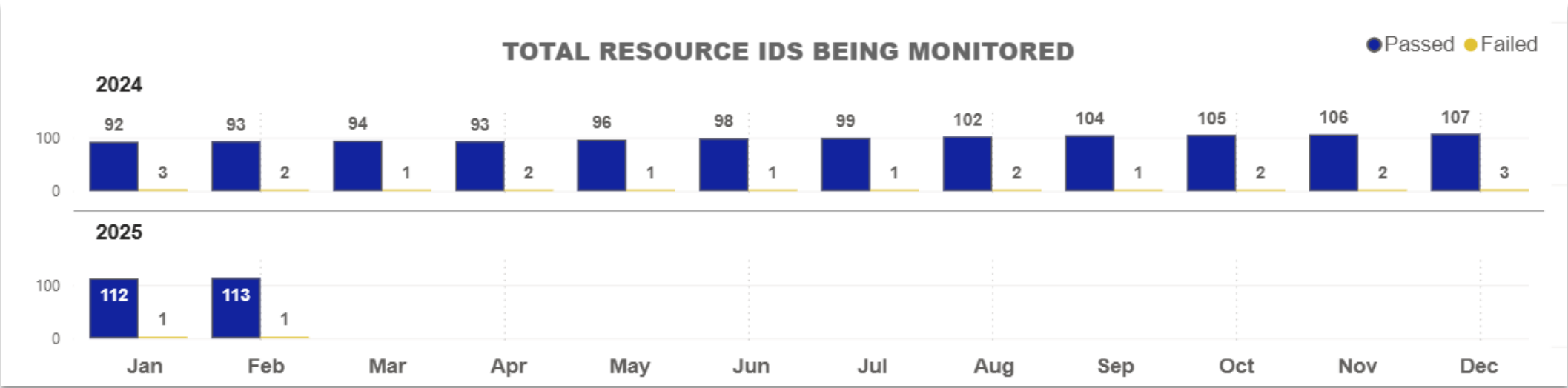
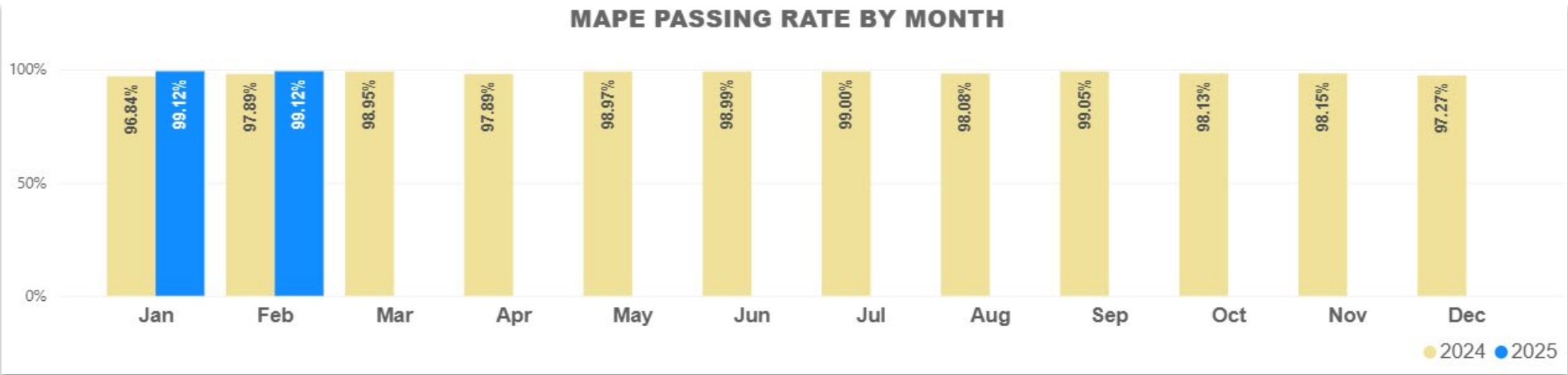
- Of the 114 monitored facilities, 113 met the MAPE standards, while 1 failed to meet the standard.
- 66 out of 67 Solar Power Plants, all 7 Wind Power Plants, and 40 out of 40 Run-of-River Power Plants passed the MAPE standards, as of the February 2025 billing period.

MAPE PASSING RATE TREND AS OF FEBRUARY 2025



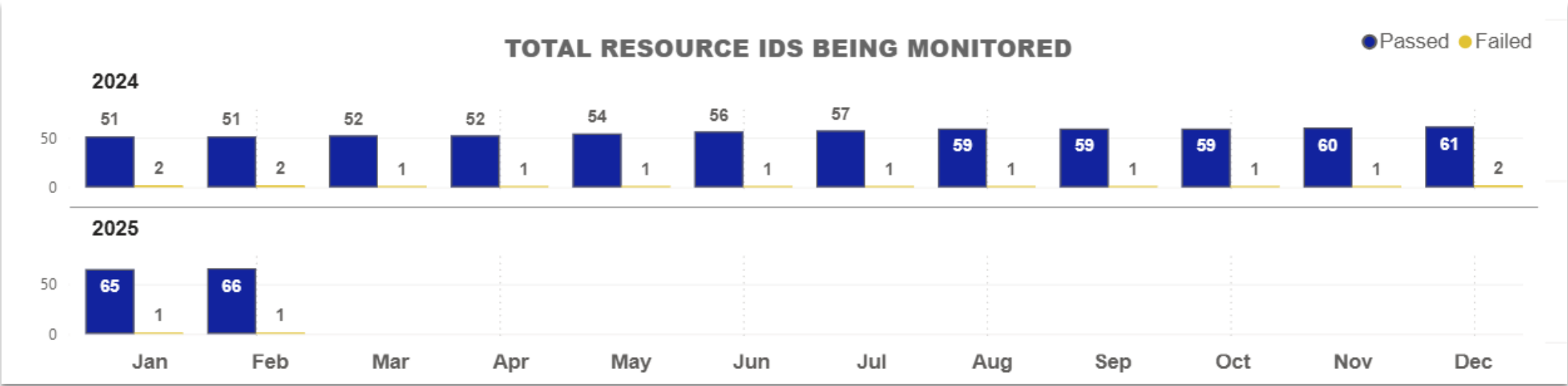
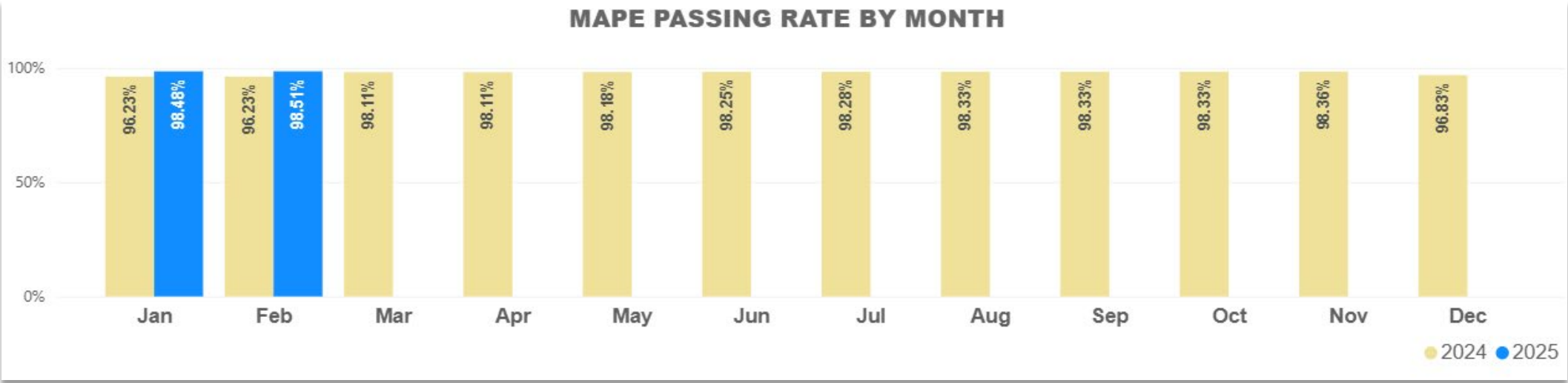
The MAPE passing rate in February 2025 remains at 99.12%.

MAPE PASSING RATE AS OF FEBRUARY 2025 (OVERALL)



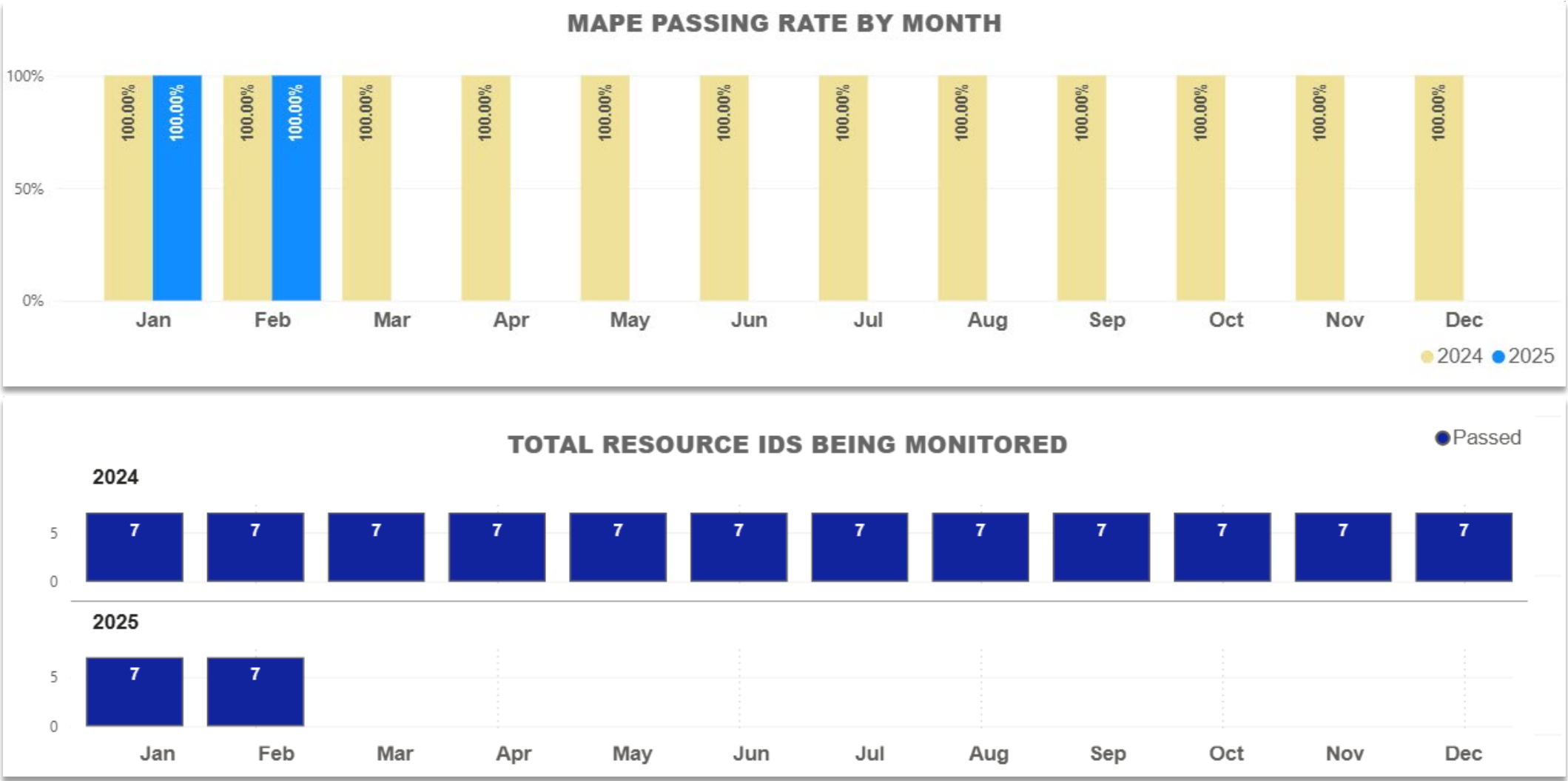
The overall passing rate for MAPE remains at 99.12%, as of February 2025 billing period.

MAPE PASSING RATE AS OF FEBRUARY 2025 (SOLAR)



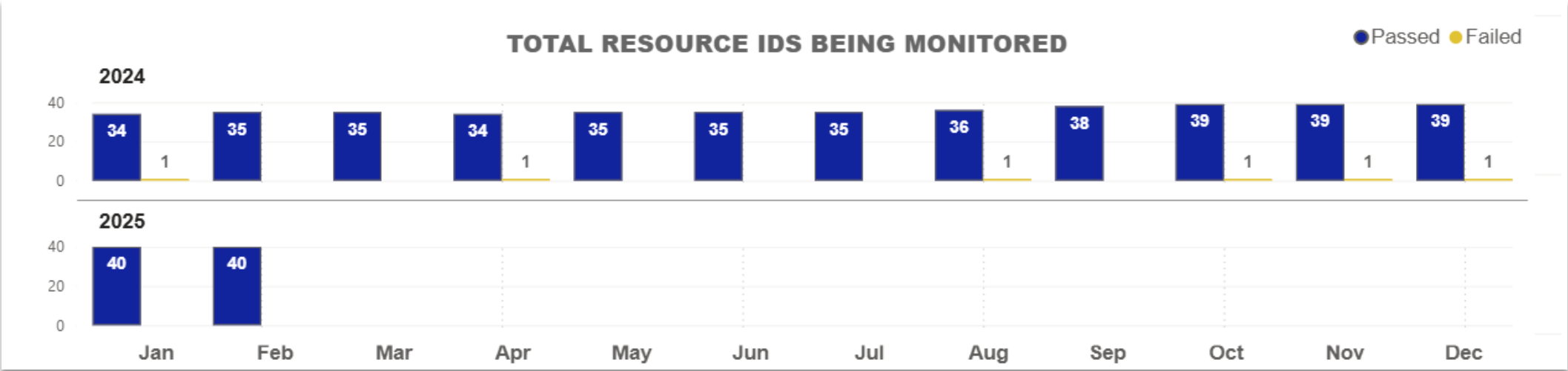
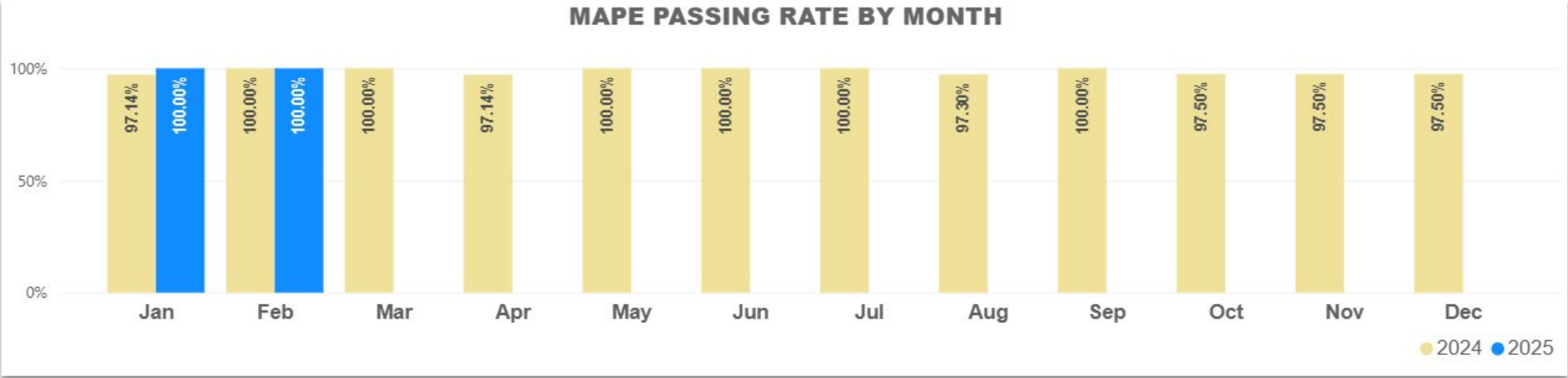
The passing rate for Solar in February 2025 slightly increased to 98.51% from 98.48% in the previous billing period.

MAPE PASSING RATE AS OF FEBRUARY 2025 (WIND)



Wind facilities have maintained a 100% passing rate for MAPE since 2023.

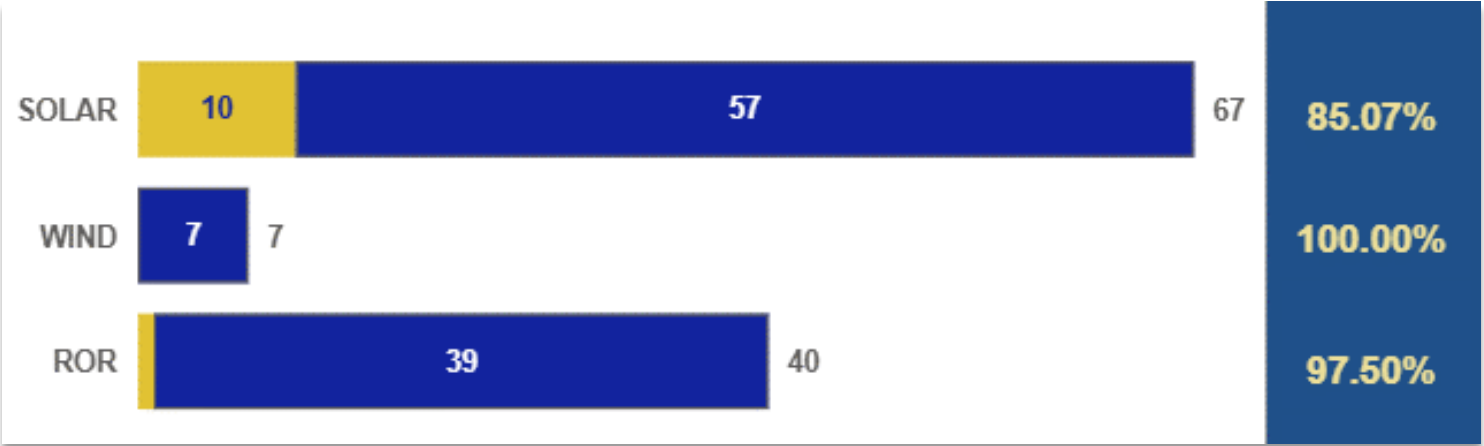
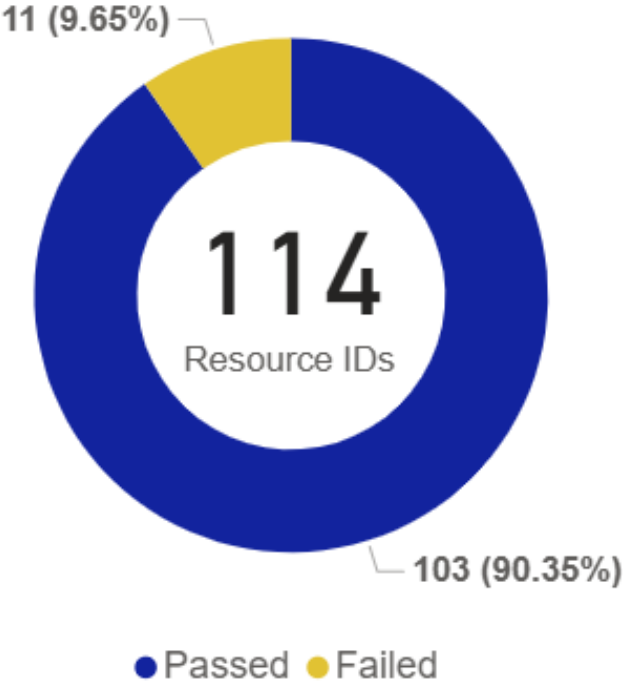
MAPE PASSING RATE AS OF FEBRUARY 2025 (RUN-OF-RIVER)



No ROR facilities failed the MAPE standard in February 2025.

PERC95

PERC95 PERFORMANCE



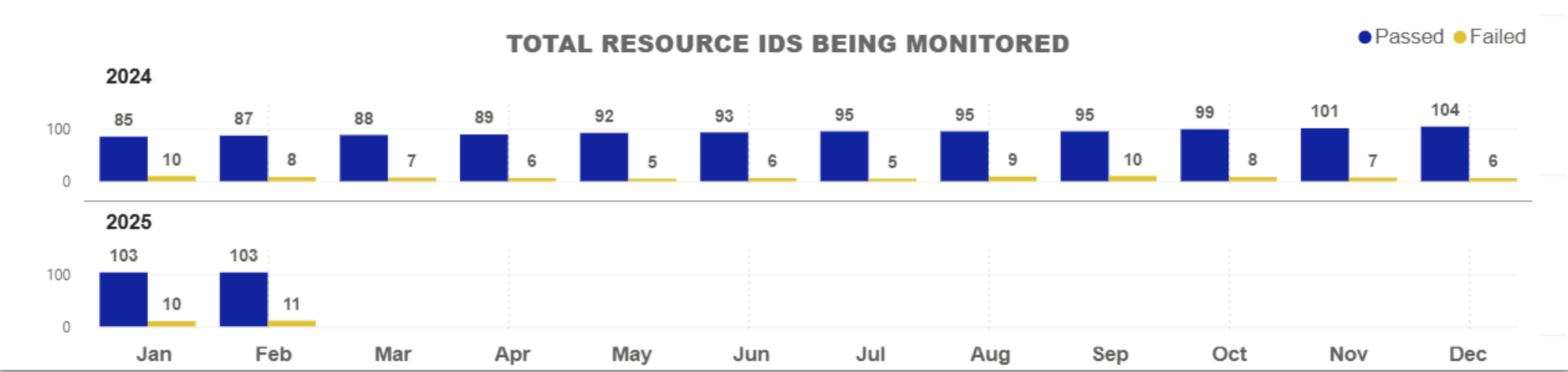
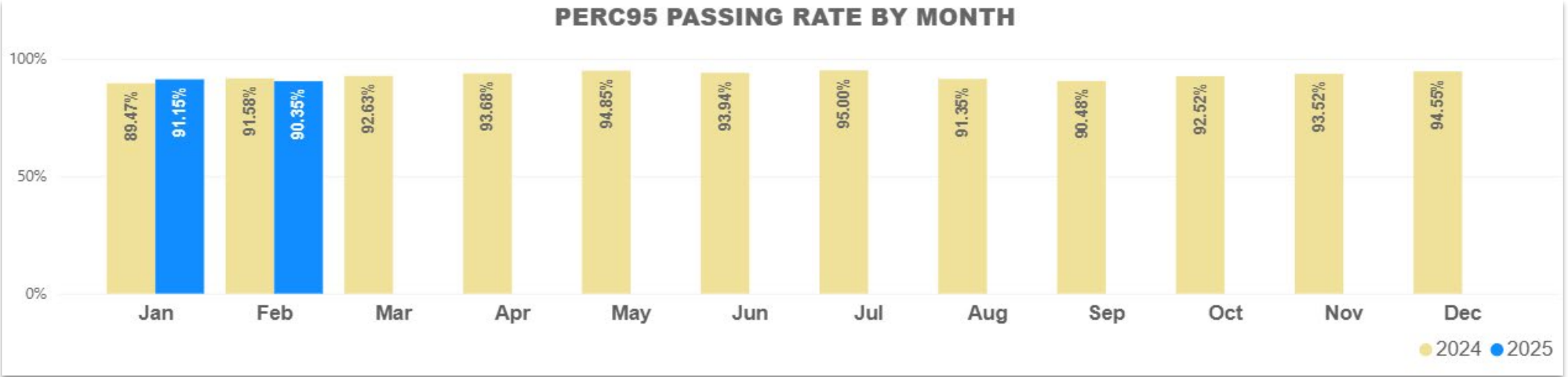
- Out of 114 monitored facilities, 103 (90.35%) performed within the PERC95 standards, while 11 facilities failed.
- 57 out of 67 Solar Power Plants, all 7 Wind Power Plants, and 39 out of 40 Run-of-River Power Plants passed the PERC95 standards.

PERC95 PASSING RATE TREND AS OF FEBRUARY 2025



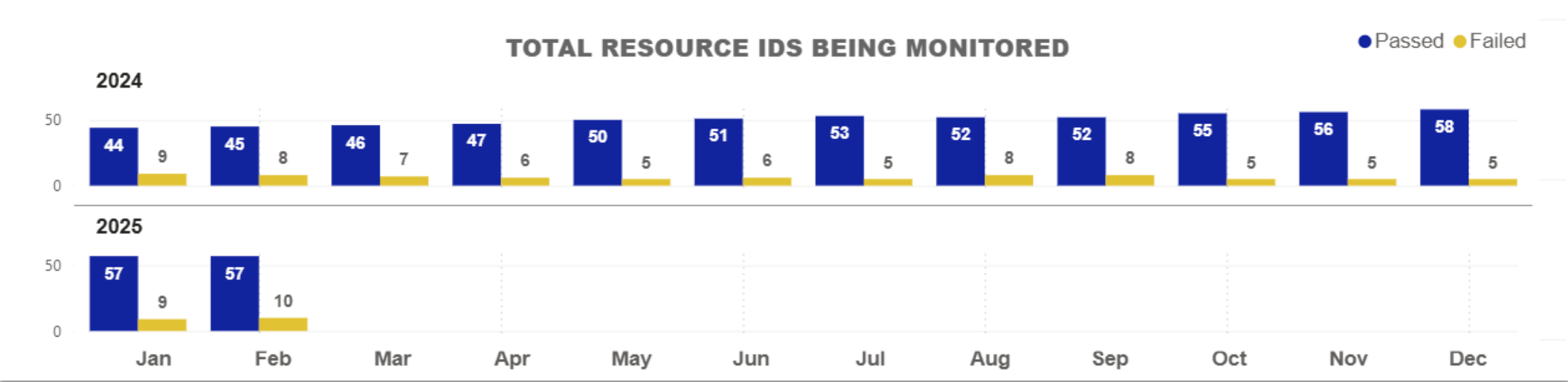
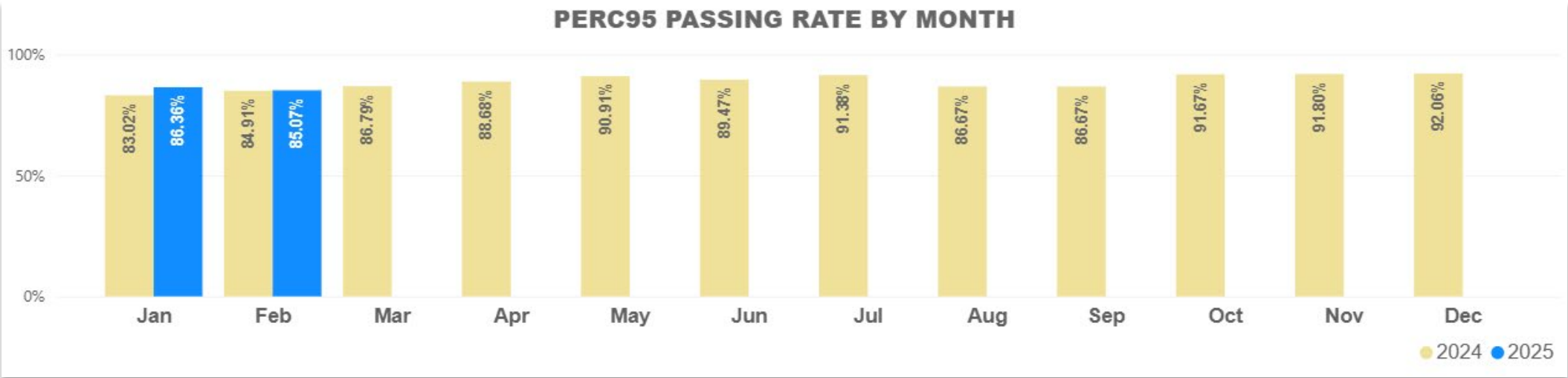
The PERC95 passing rate continued to decline with a passing rate of 90.35% in February 2025 due to 11 facilities failing the PERC95 standard.

PERC95 PASSING RATE AS OF FEBRUARY 2025 (OVERALL)



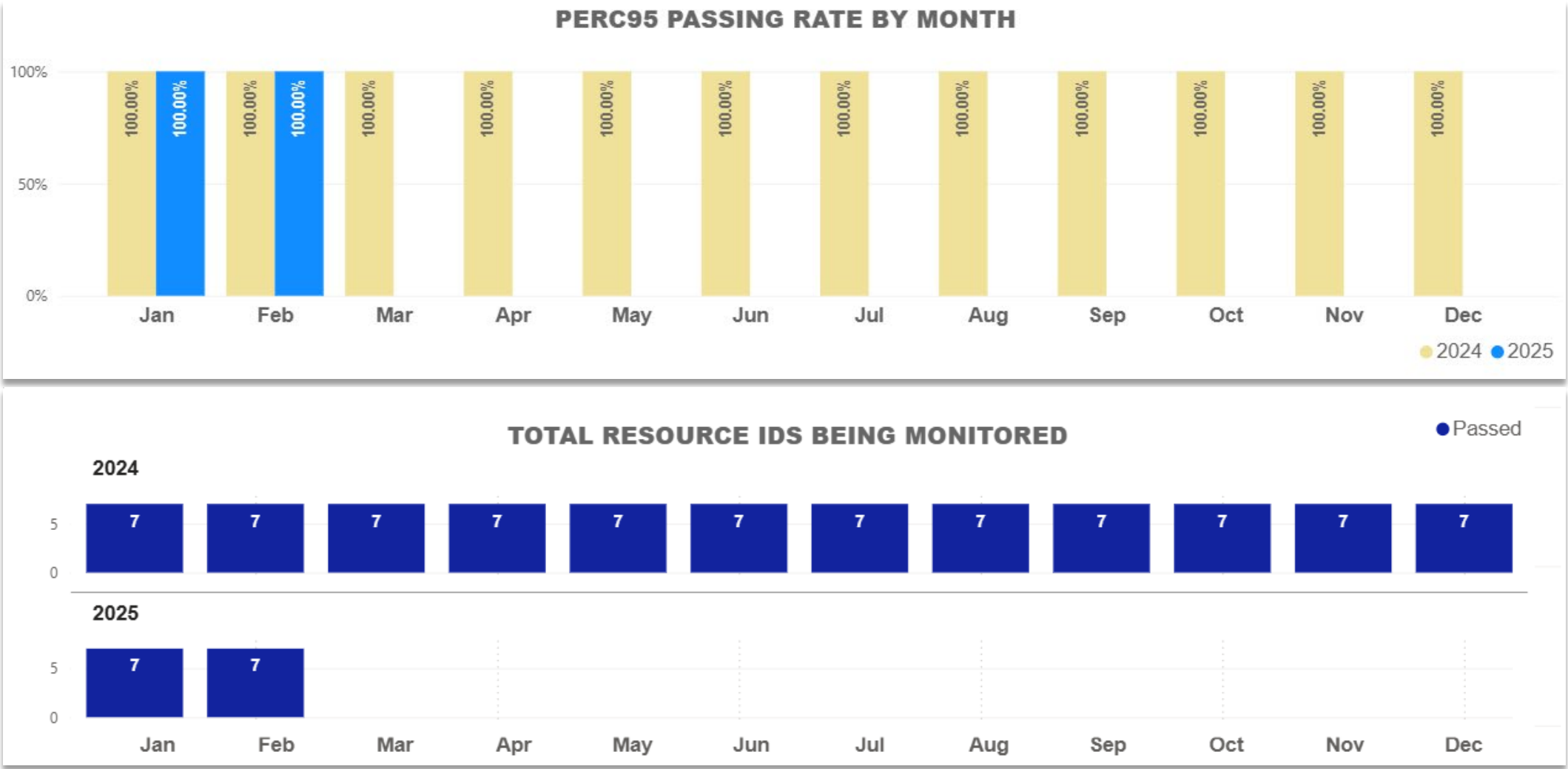
The overall passing rate for PERC95 decreased to 90.35% from 91.15% in the previous billing period.

PERC95 PASSING RATE AS OF FEBRUARY 2025 (SOLAR)



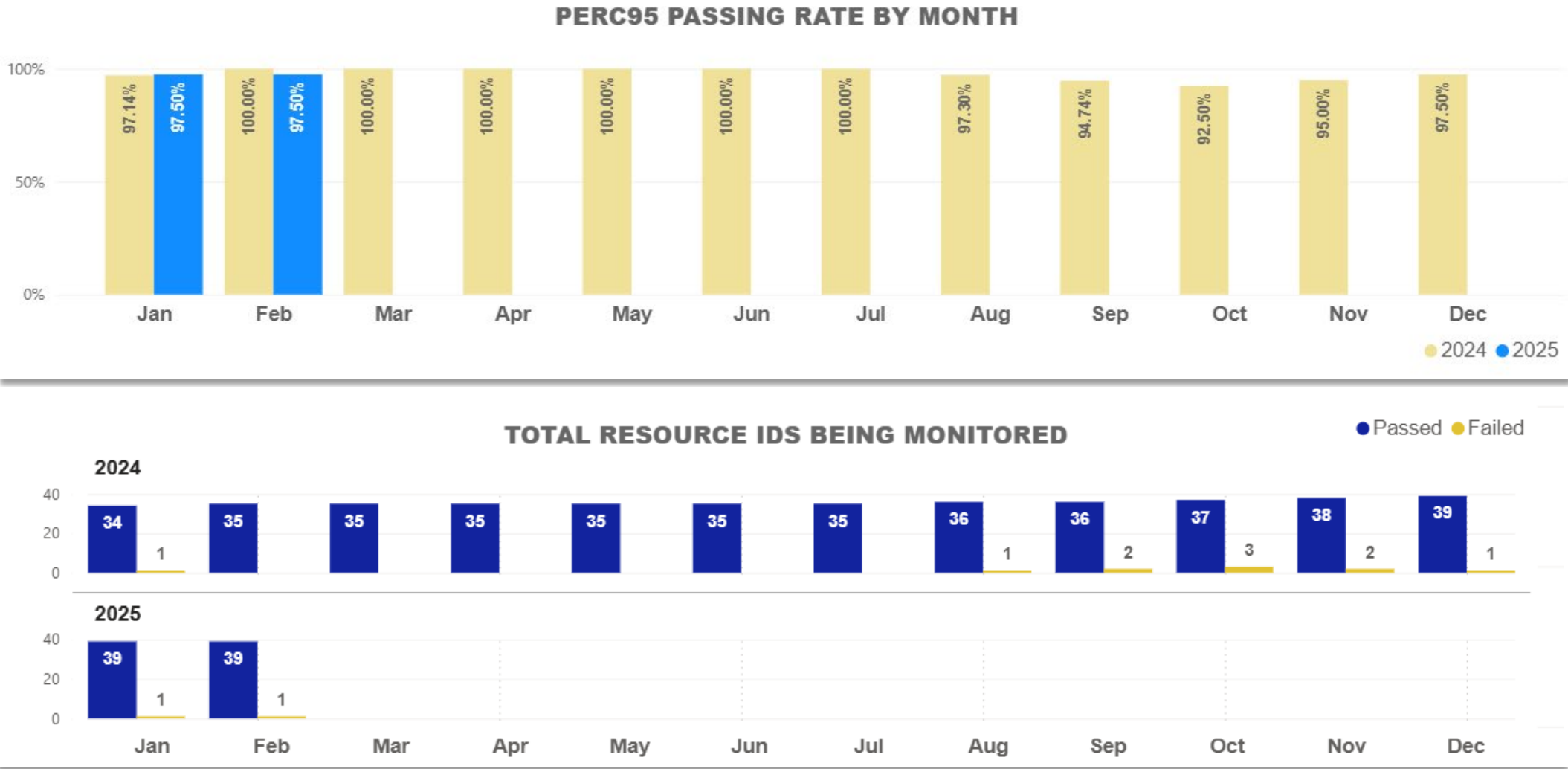
The PERC95 passing rate for Solar facilities decreased from 86.36% to 85.07% due to the increase in number of failing facilities

PERC95 PASSING RATE AS OF FEBRUARY 2025 (WIND)



Since January 2024, all seven (7) Wind facilities have consistently met the PERC95 standard.

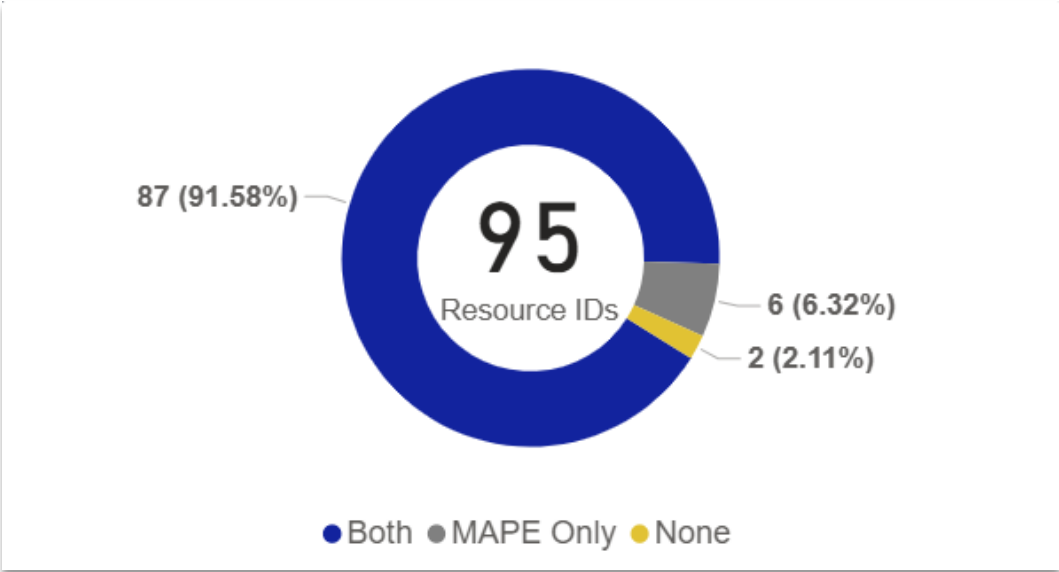
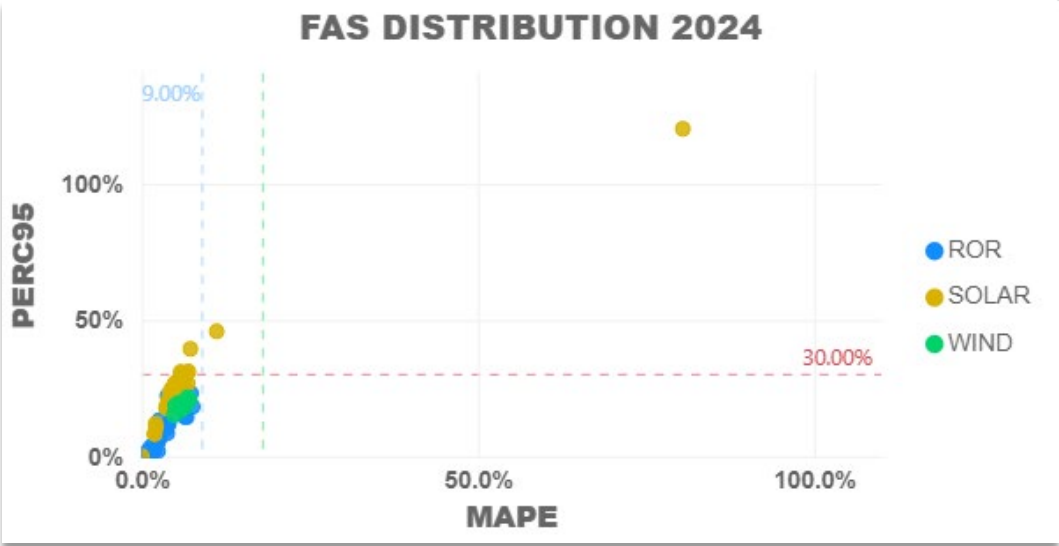
PERC95 PASSING RATE AS OF FEBRUARY 2025 (RUN-OF-RIVER)



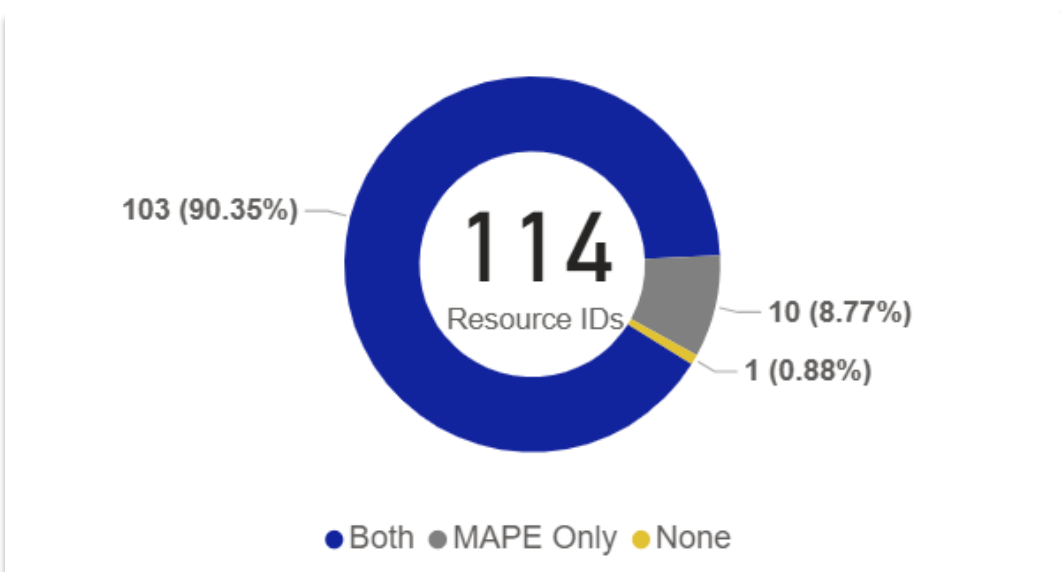
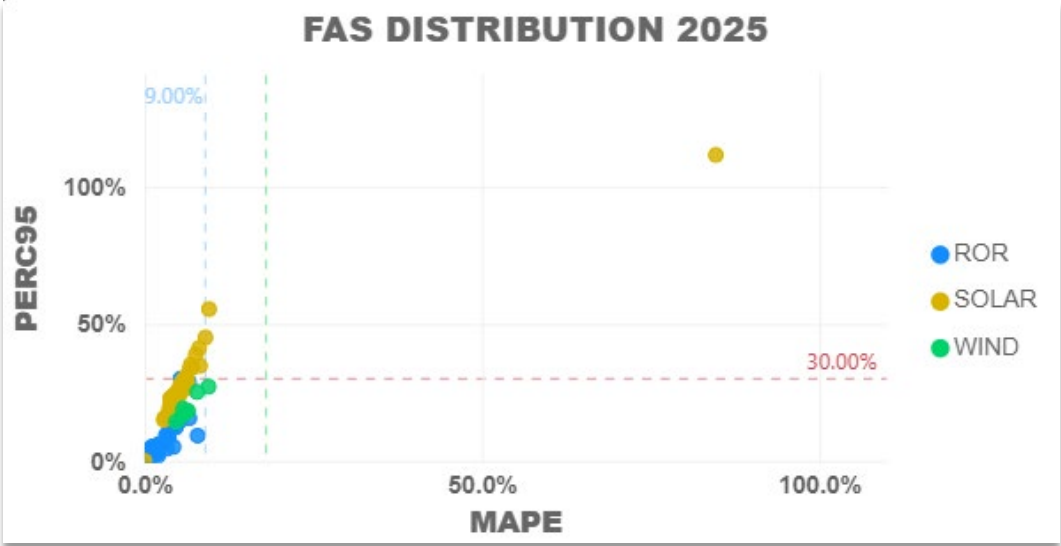
The PERC95 passing rate for Run-of-River facilities stays at 97.50% since December 2024.

MAPE AND PERC95 DISTRIBUTIONS

February 2024



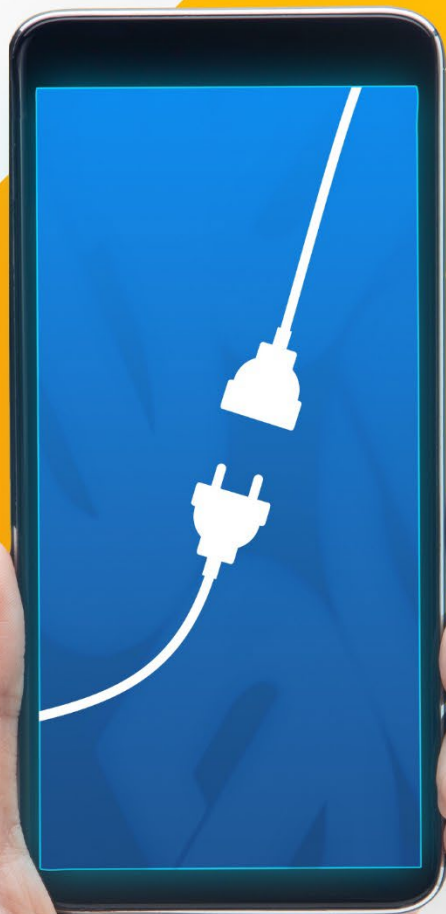
February 2025



REQUESTED ACTION

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