



Philippine Electricity
Market Corporation

MONTHLY FORECAST ACCURACY STANDARDS RESULT

April 2025 Billing Period

24 July 2025 | Board Room

REQUESTED ACTION

FOR INFORMATION

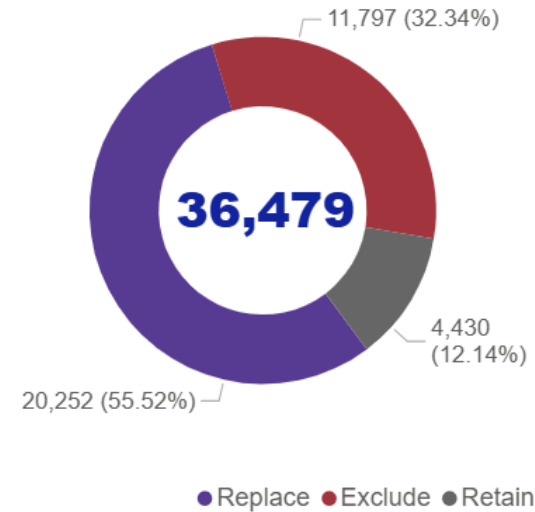
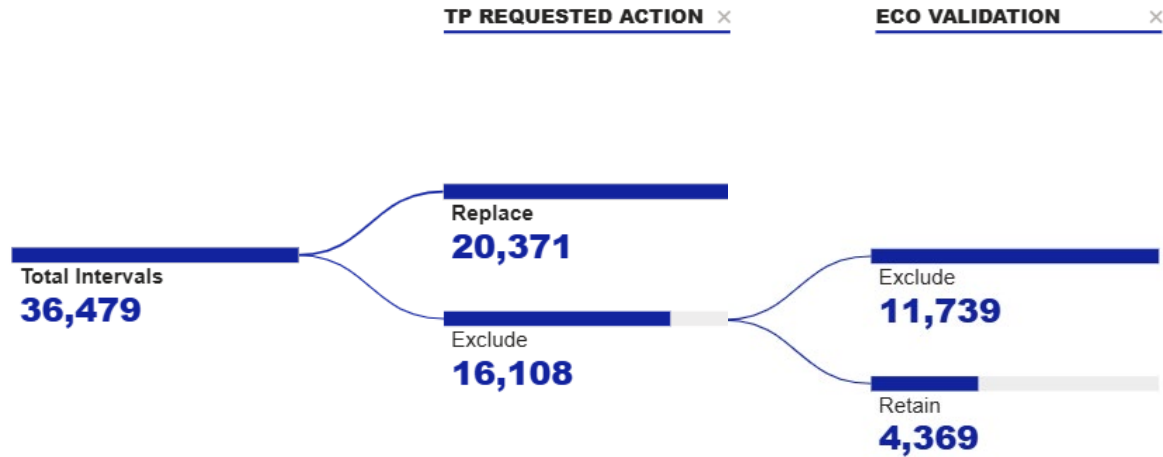
SUMMARY OF WESM REGISTRATION ON MUST DISPATCH GENERATING UNITS

Technology	No. of Resources in Luzon	No. of Resources in Visayas	No. of Resources in Mindanao	Total
Run of River	22	3	16	41
Solar	55	12	5	72
Wind	5	2	0	7
Total	82	17	21	120

- As of April 2025, there are **130** facilities registered as MDGU in the WESM.
- Monitored Facilities: **120** across Luzon, Visayas, and Mindanao
- Facilities under Test and Commissioning: **10**

TOTAL INTERVALS WITH REQUESTED ACTION & ECO ASSESSMENT – APRIL 2025

ECO ASSESSMENT

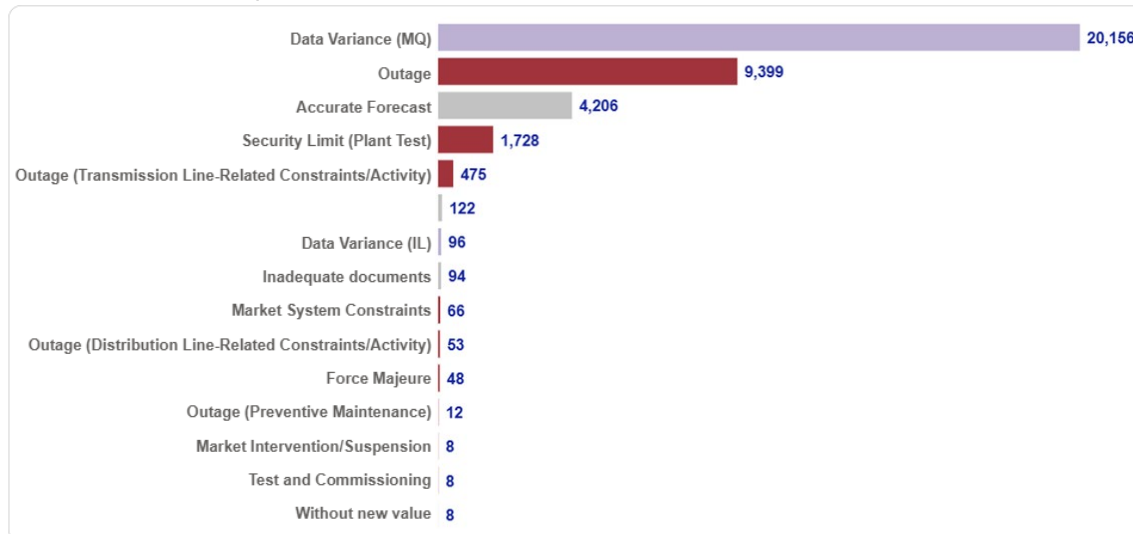


ECO received a total of **36,479** intervals with requested action.

- **Request for Exclusion:** 16,108 intervals
- **Request for Data Replacement:** 20,371 intervals

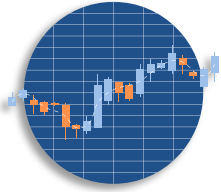
Out of the **20,371** intervals requesting replacement due to possible Data Variance, **20,252** intervals were replaced, **61** were retained, and **58** were excluded.

Out of **16,108** intervals requesting exclusion, **4,369** intervals were retained, and **11,739** intervals were excluded after the ECO's assessment.

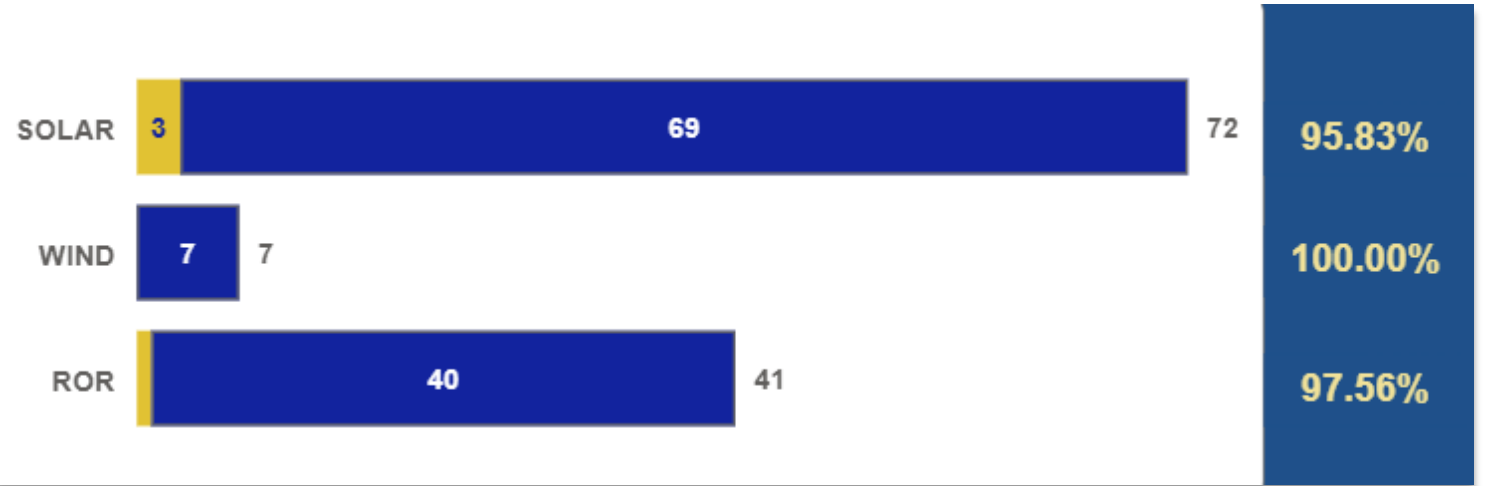


APRIL 2025 FINAL FAS REPORT (OVERALL PASSING RATE)

MAPE

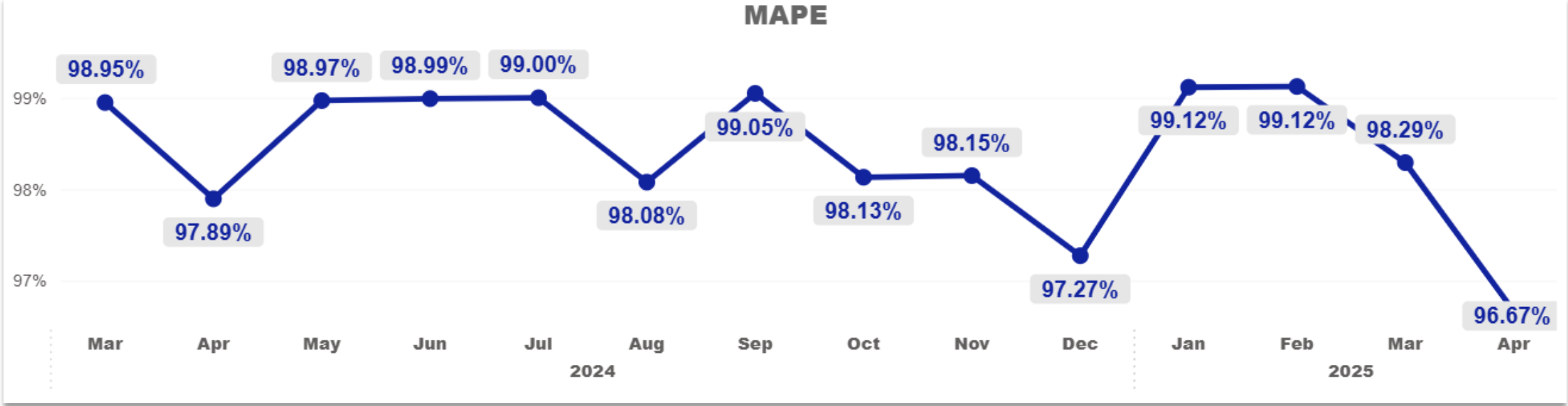


MAPE PERFORMANCE



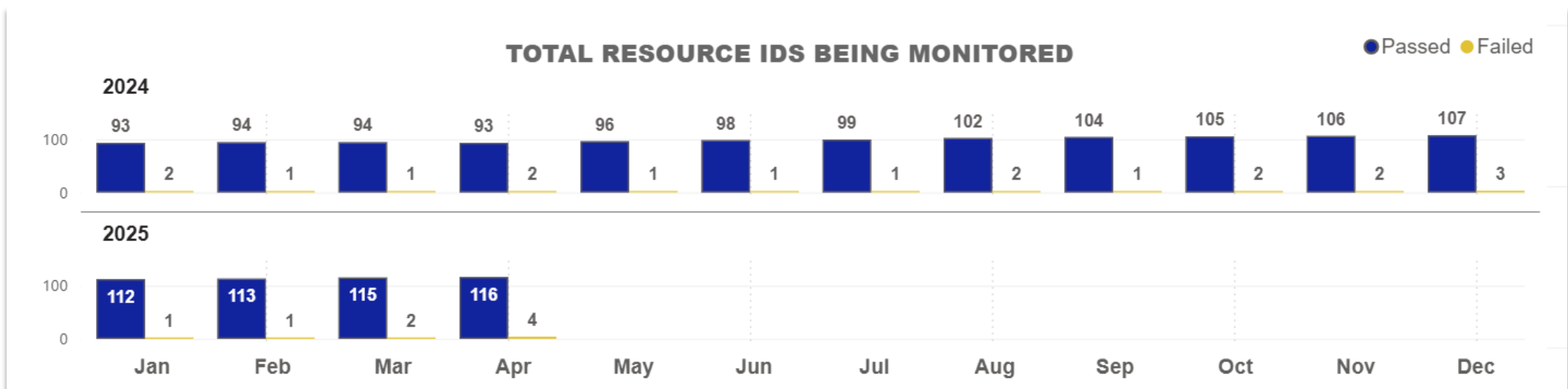
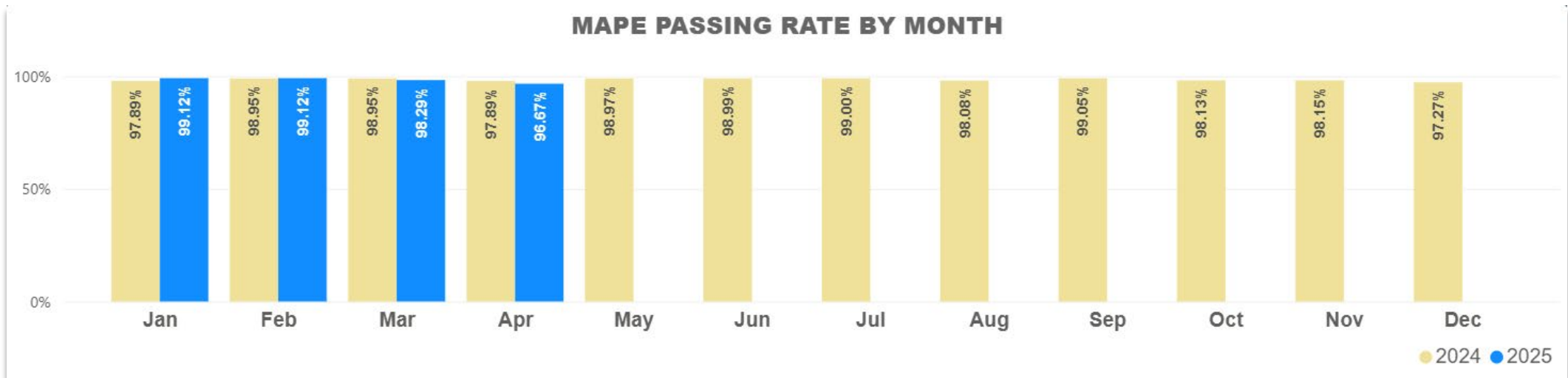
- Of the 120 monitored facilities, 116 met the MAPE standards, while 4 failed to meet the standard.
- 69 out of 72 Solar Power Plants, all 7 Wind Power Plants, and all 40 Run-of-River Power Plants passed the MAPE standards, as of the April 2025 billing period.

MAPE PASSING RATE TREND AS OF APRIL 2025



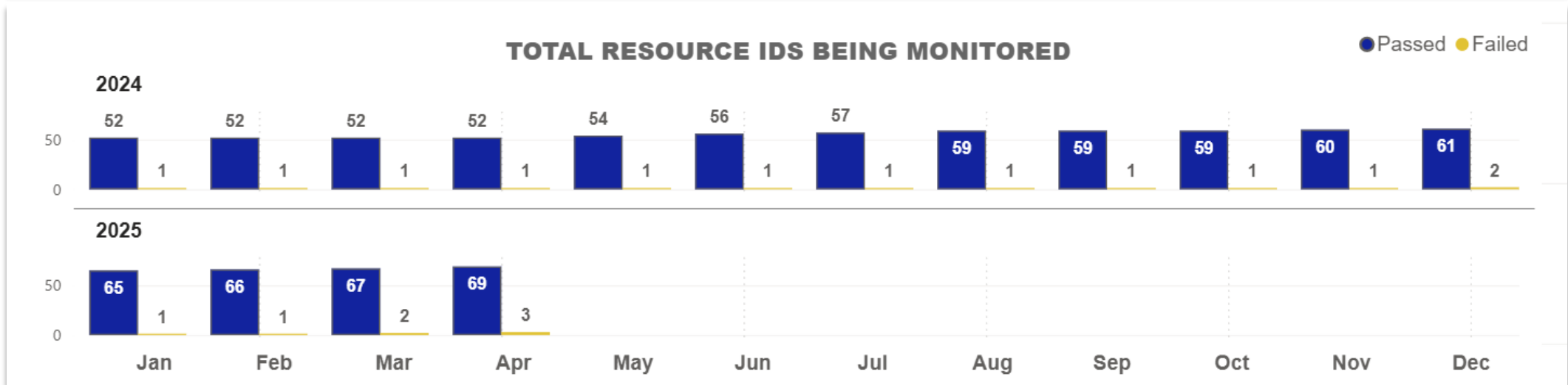
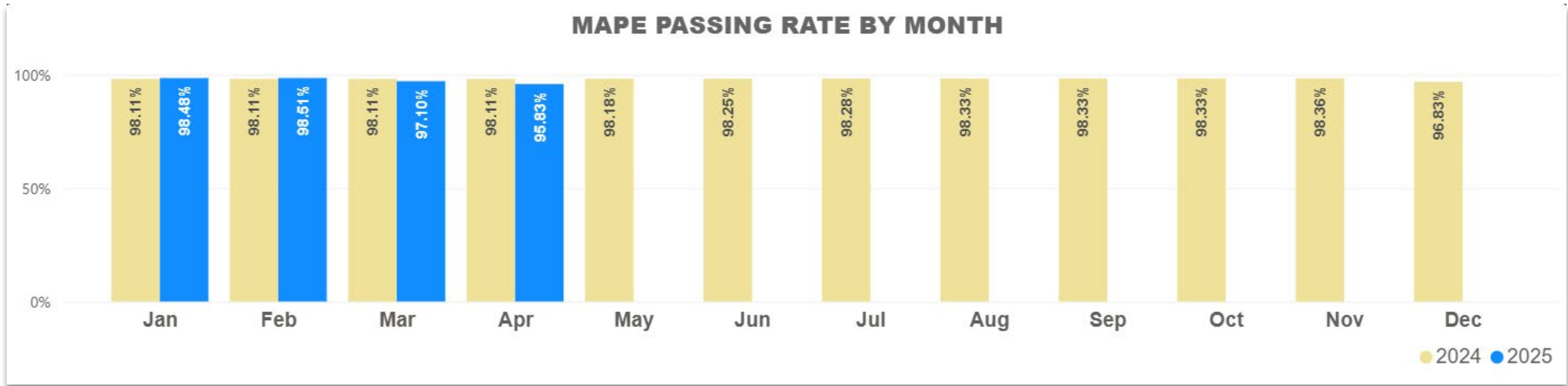
The MAPE passing rate in April 2025 decreased to 96.67% due to a total of twelve (12) failing facilities. This reflects an increase in non-compliant facilities compared to March 2025, during which only nine (9) facilities failed.

MAPE PASSING RATE AS OF APRIL 2025 (OVERALL)



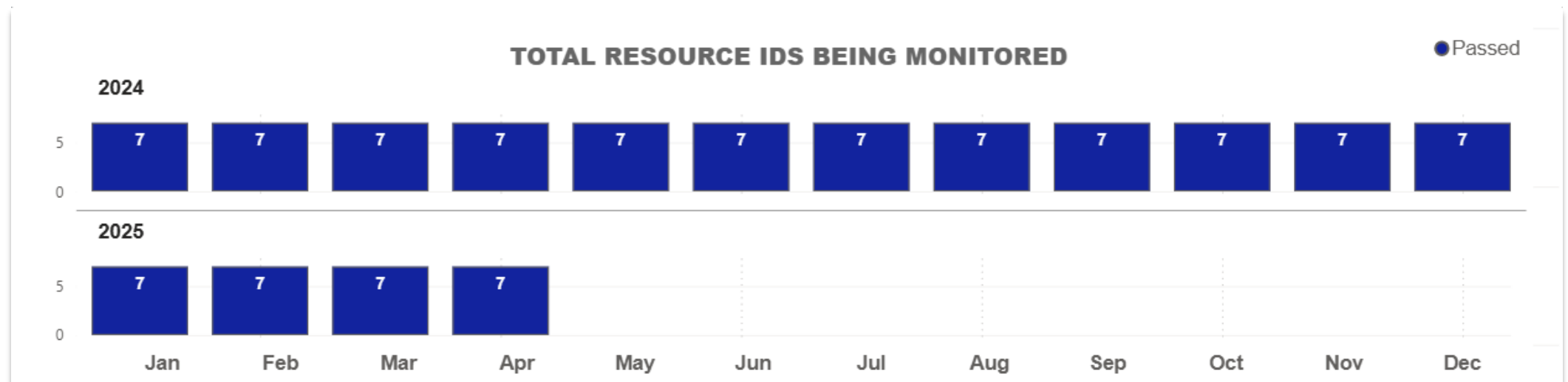
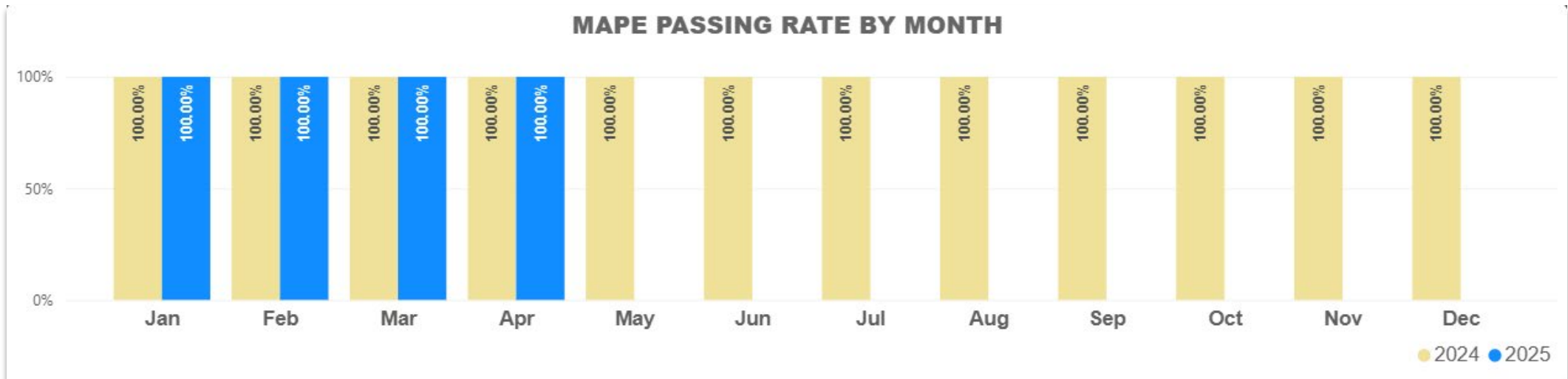
The overall passing rate for MAPE decreased to 96.67%, as of April 2025 billing period.

MAPE PASSING RATE AS OF APRIL 2025 (SOLAR)



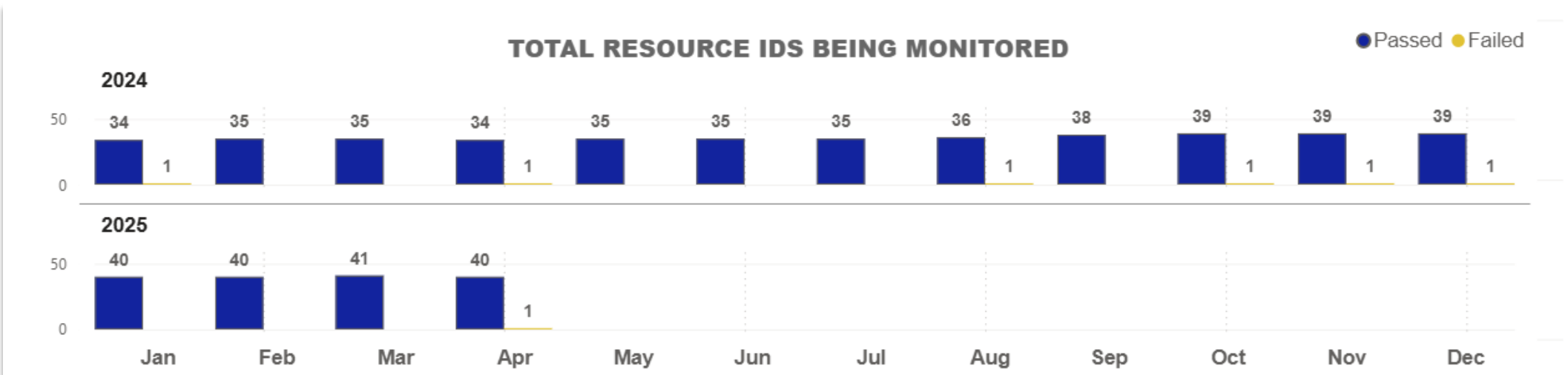
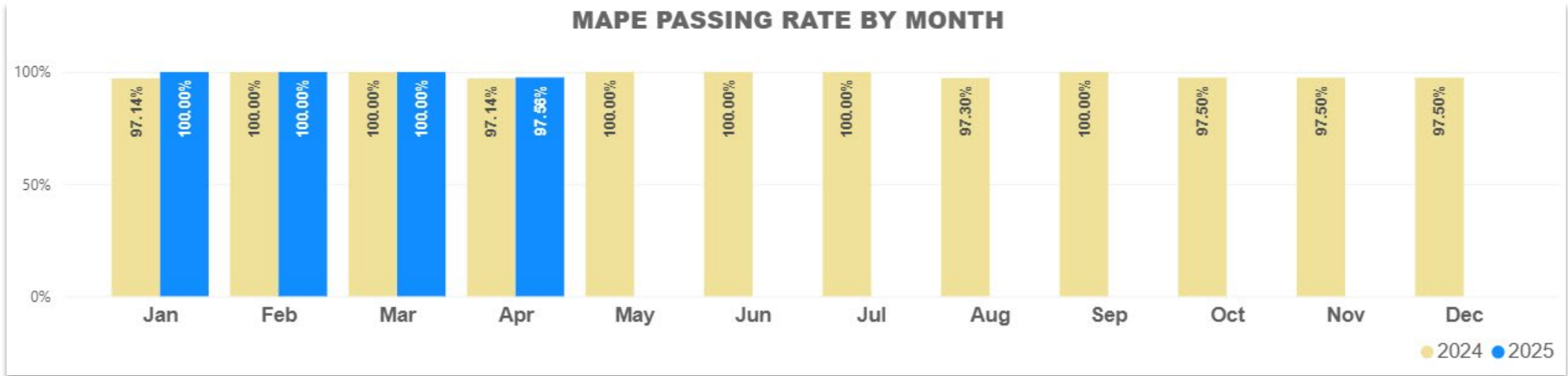
The passing rate for Solar in April 2025 decreased to 95.83% from 97.10% in the previous billing period.

MAPE PASSING RATE AS OF APRIL 2025 (WIND)



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

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

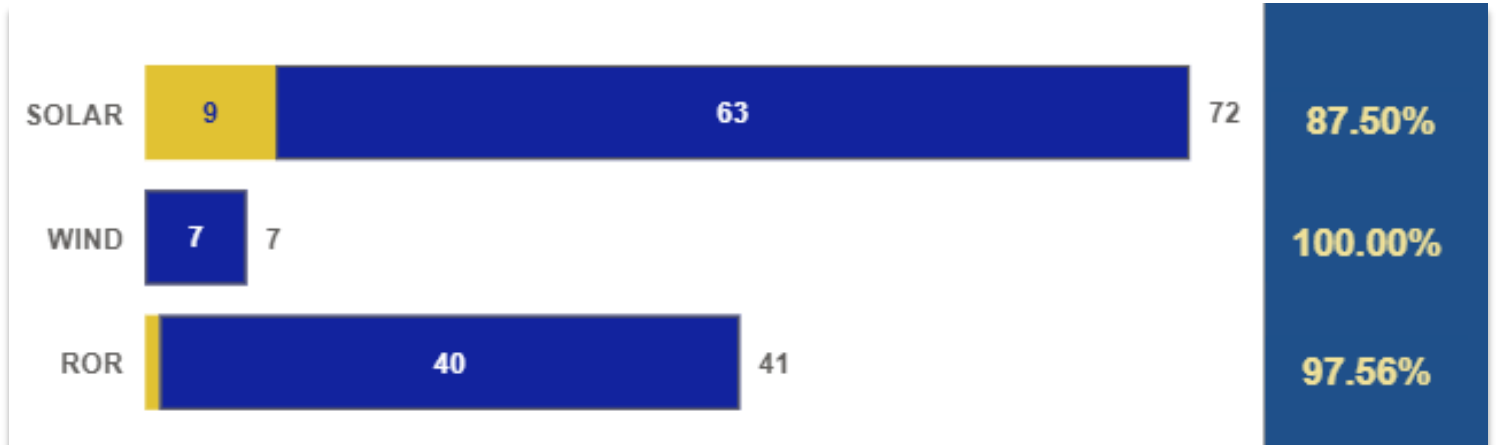
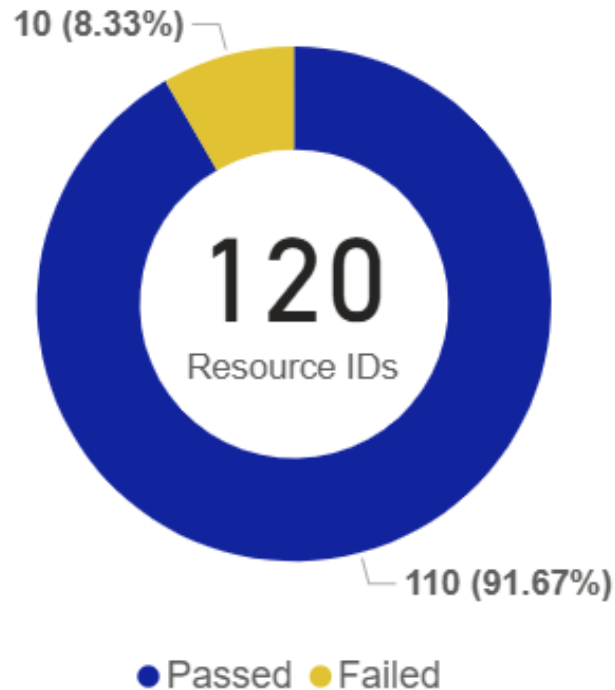


There's only one facility that failed the MAPE resulting to 97.56% passing rate.

APRIL 2025 FINAL FAS REPORT (OVERALL PASSING RATE)

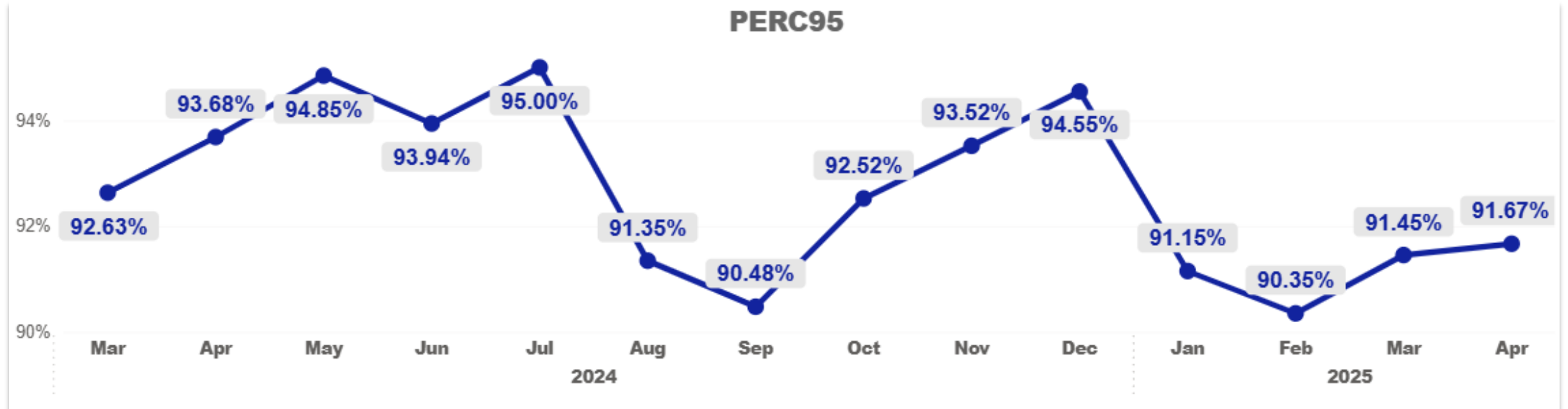
PERC95

PERC95 PERFORMANCE



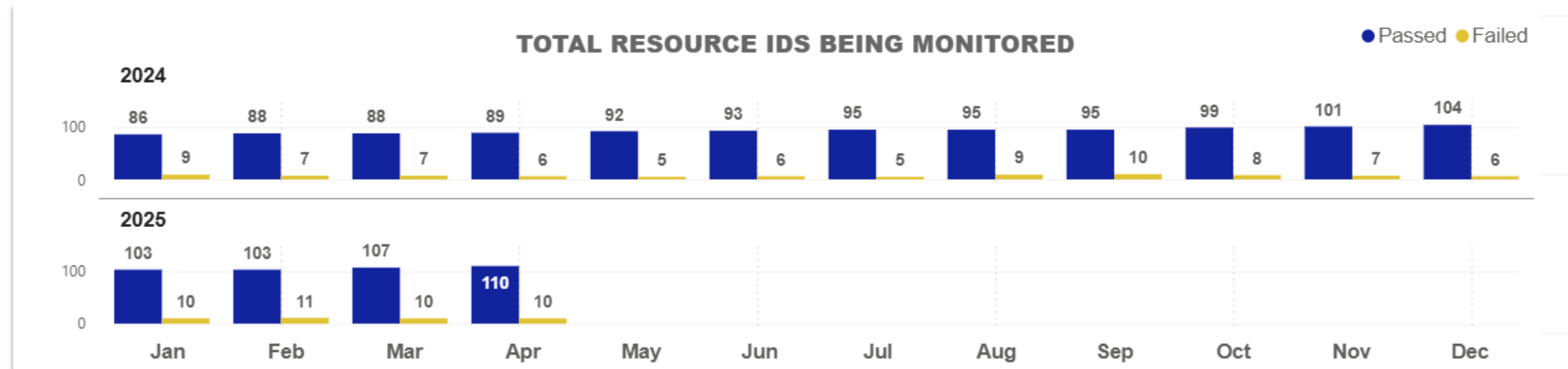
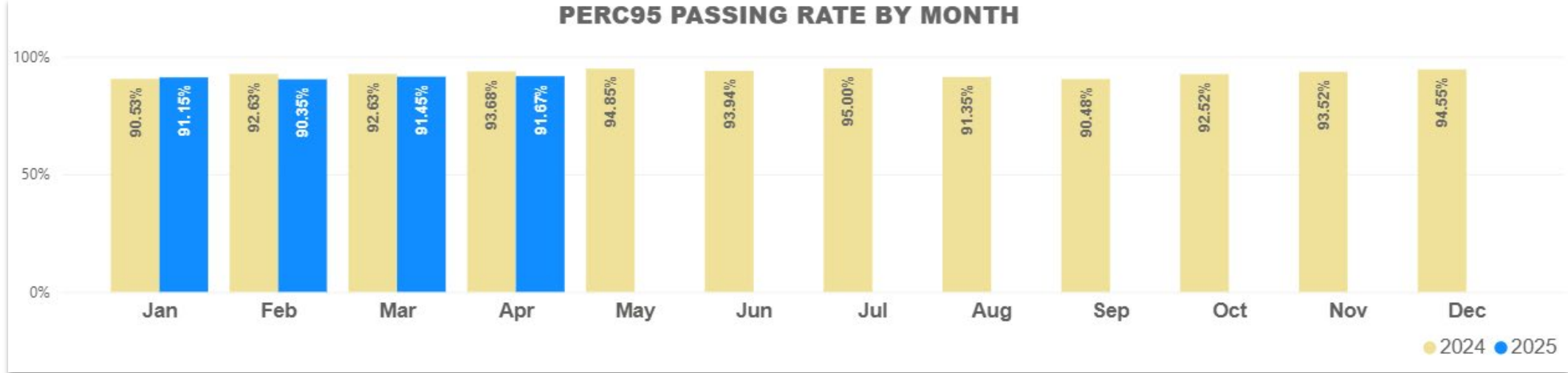
- Out of 120 monitored facilities, 110 (91.67%) performed within the PERC95 standards, while 10 facilities failed.
- 63 out of 72 Solar Power Plants, all 7 Wind Power Plants, and 40 out of 41 Run-of-River Power Plants passed the PERC95 standards.

PERC95 PASSING RATE TREND AS OF APRIL 2025



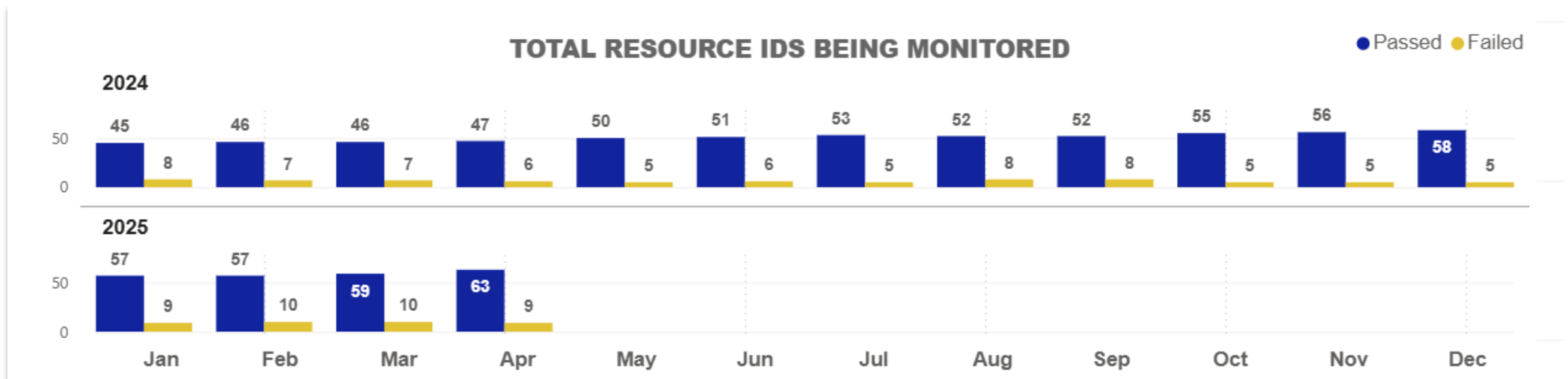
The PERC95 passing rate increased to 91.67% in April 2025, compared to 91.45% in March 2025. Although both months had the same 10 failing facilities—with 6 of them consistently failing—the April 2025 passing rate was higher due to the inclusion of 3 additional facilities.

PERC95 PASSING RATE AS OF APRIL 2025 (OVERALL)



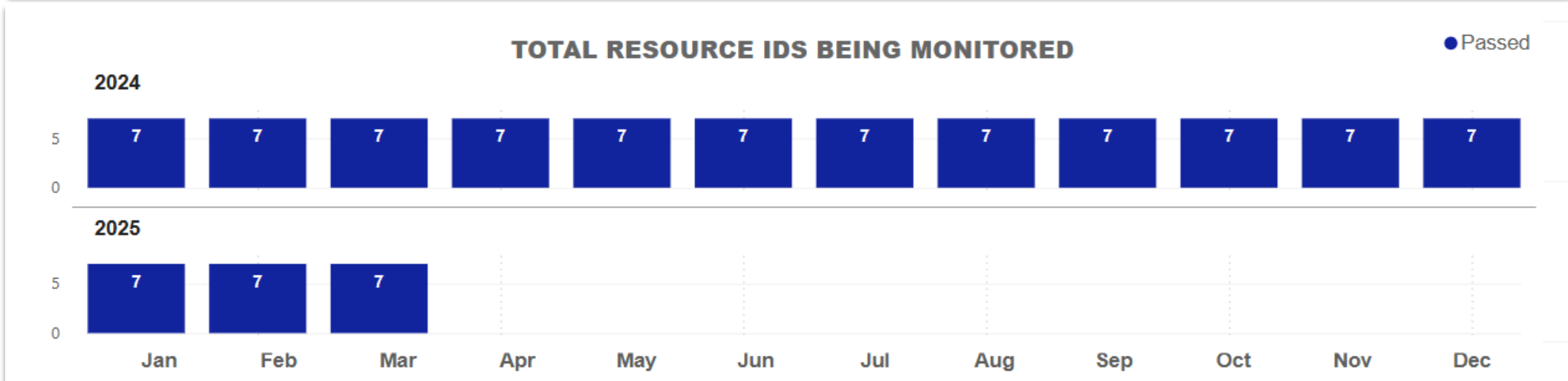
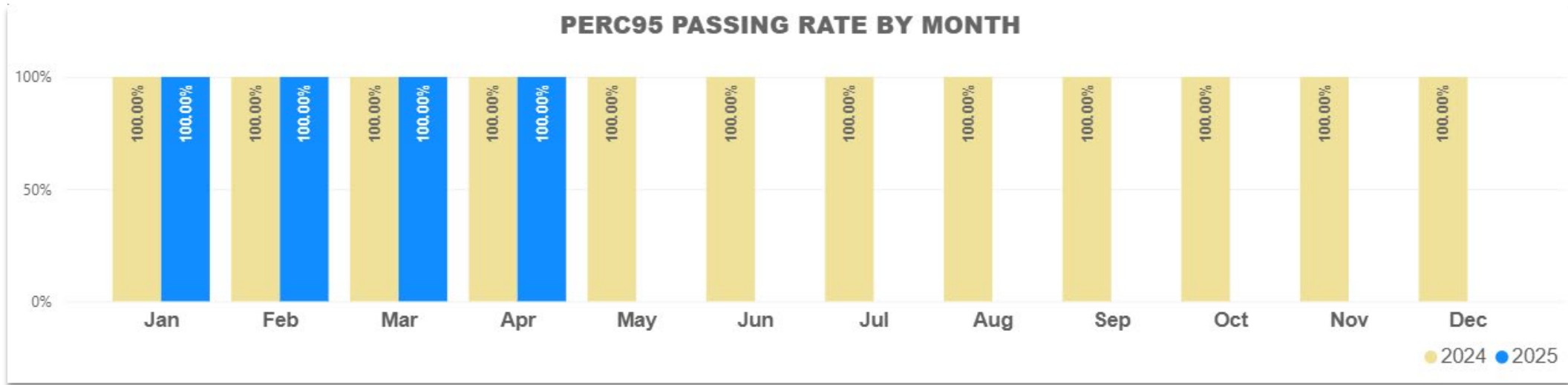
The overall passing rate for PERC95 slightly increased to 91.67% from 91.45% in the previous billing period.

PERC95 PASSING RATE AS OF APRIL 2025 (SOLAR)



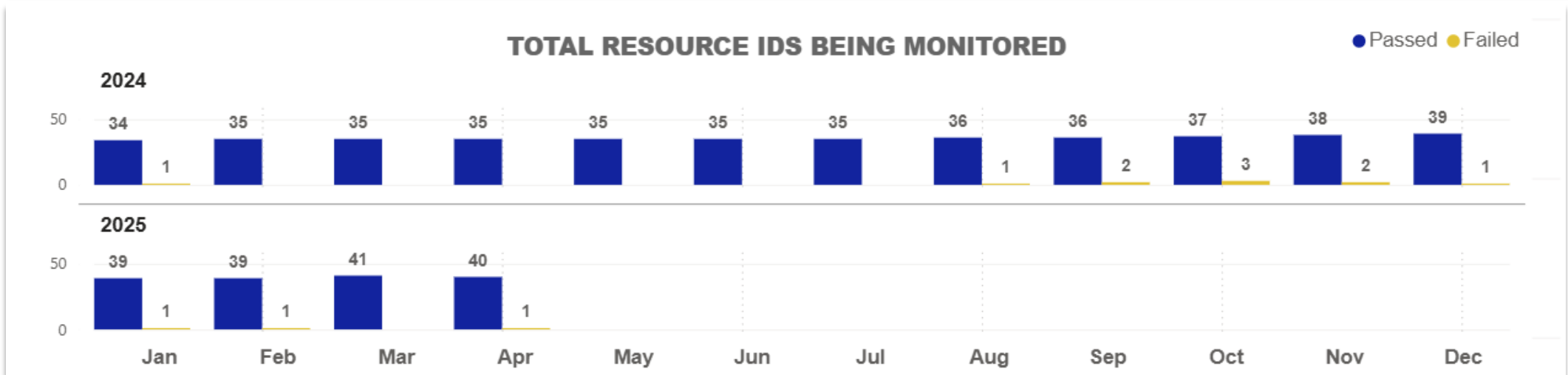
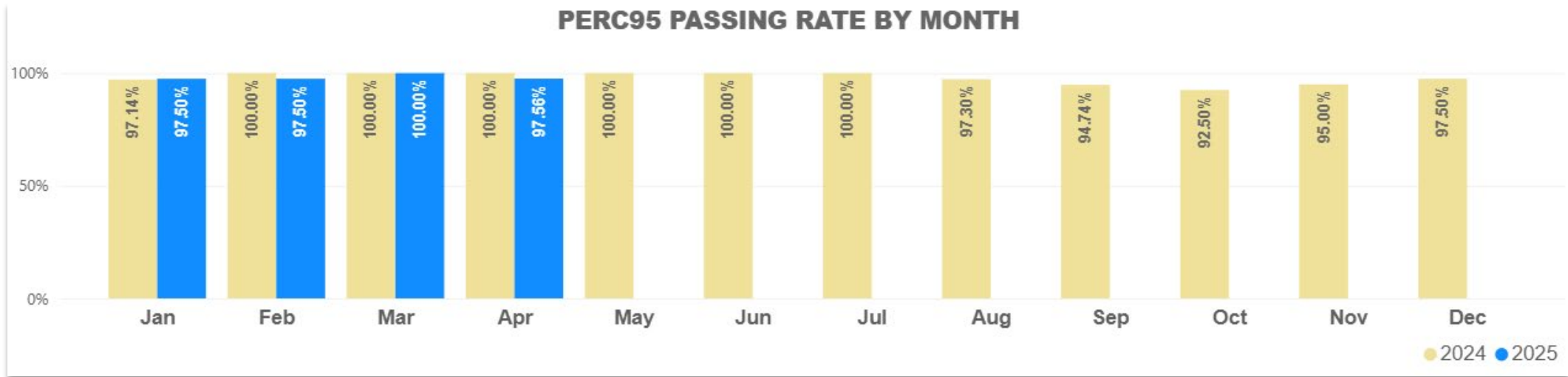
The PERC95 passing rate for Solar facilities increased from 85.51% to 87.50% due to the increase in number of monitored facilities.

PERC95 PASSING RATE AS OF APRIL 2025 (WIND)



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

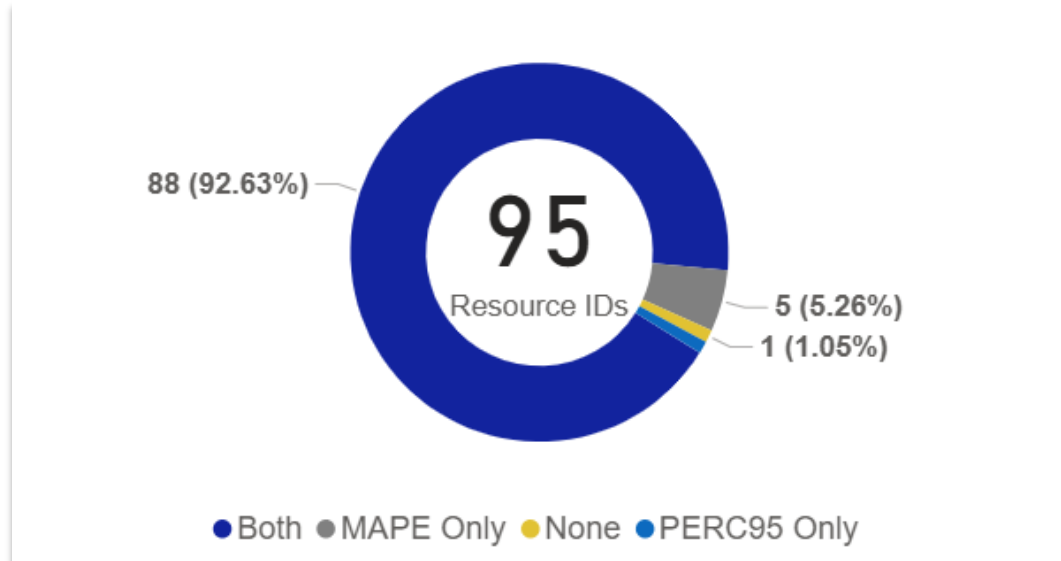
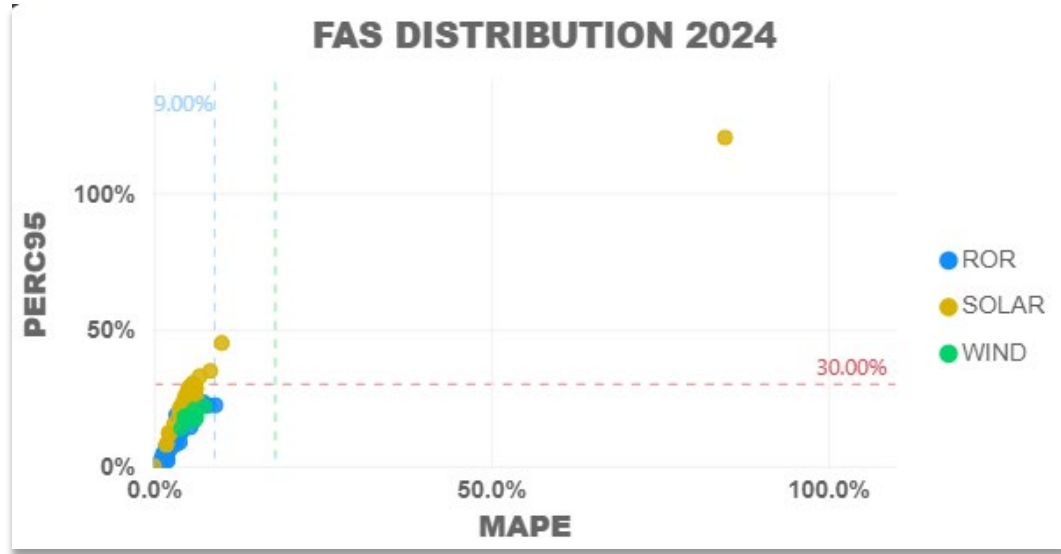
PERC95 PASSING RATE AS OF APRIL 2025 (RUN-OF-RIVER)



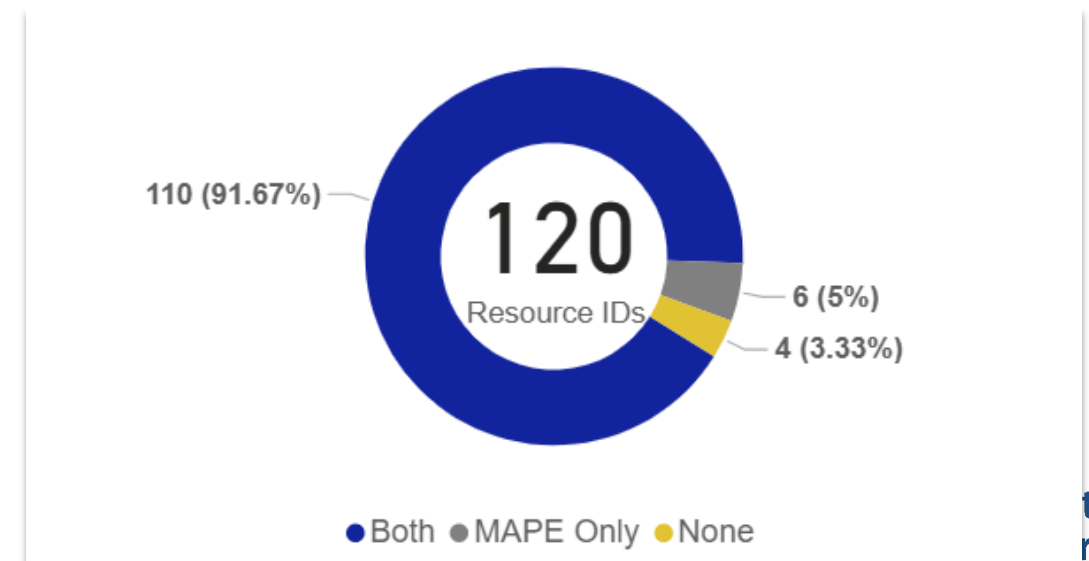
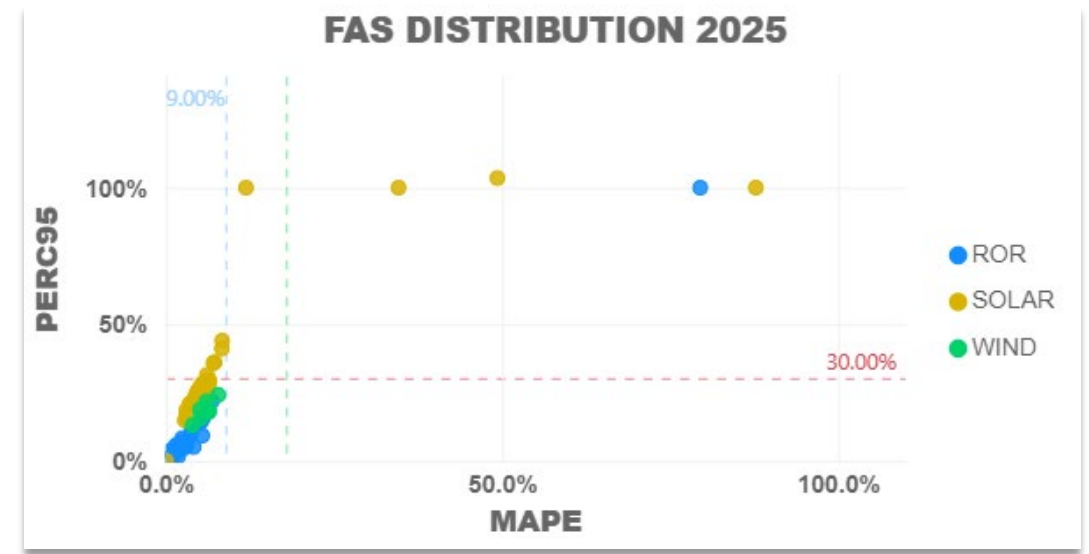
The PERC95 passing rate for Run-of-River facilities decreased to 97.65% in April 2025 due to one failing facility.

MAPE AND PERC95 DISTRIBUTIONS

April 2024



April 2025



REQUESTED ACTION

FOR INFORMATION

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