



Philippine Electricity
Market Corporation

MONTHLY FORECAST ACCURACY STANDARDS RESULT

May 2025 Billing Period

13 August 2025 | MS Teams

REQUESTED ACTION

FOR INFORMATION

SUMMARY OF WESM REGISTRATION

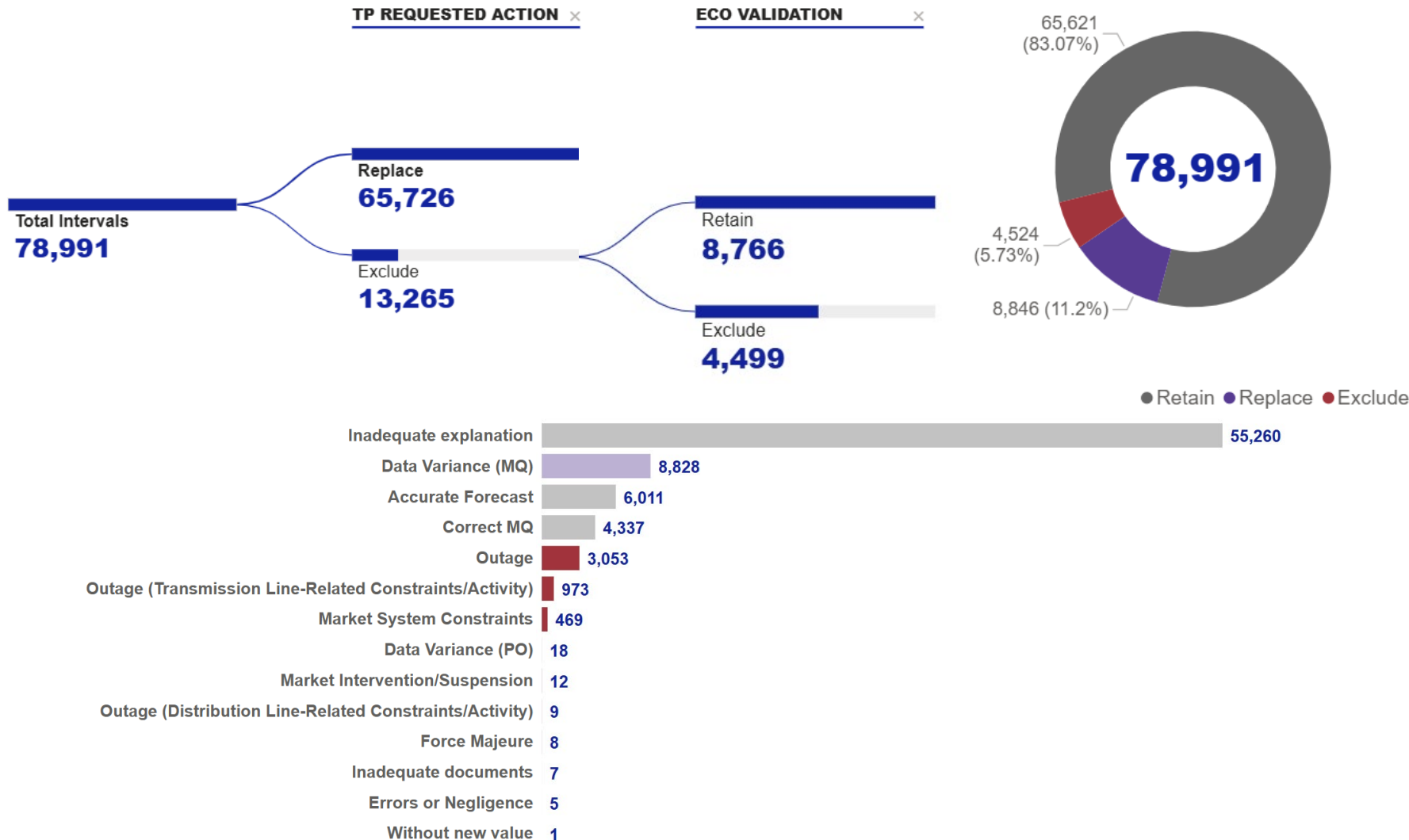
On Must Dispatch Generating Units as of May 2025

| 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 | 89 | 17 | 21 | 120 |

- As of May 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

May 2025



ECO received a total of **78,991** intervals with requested action.

- **Request for Data Replacement: 65,726** intervals
- **Request for Exclusion: 13,265** intervals

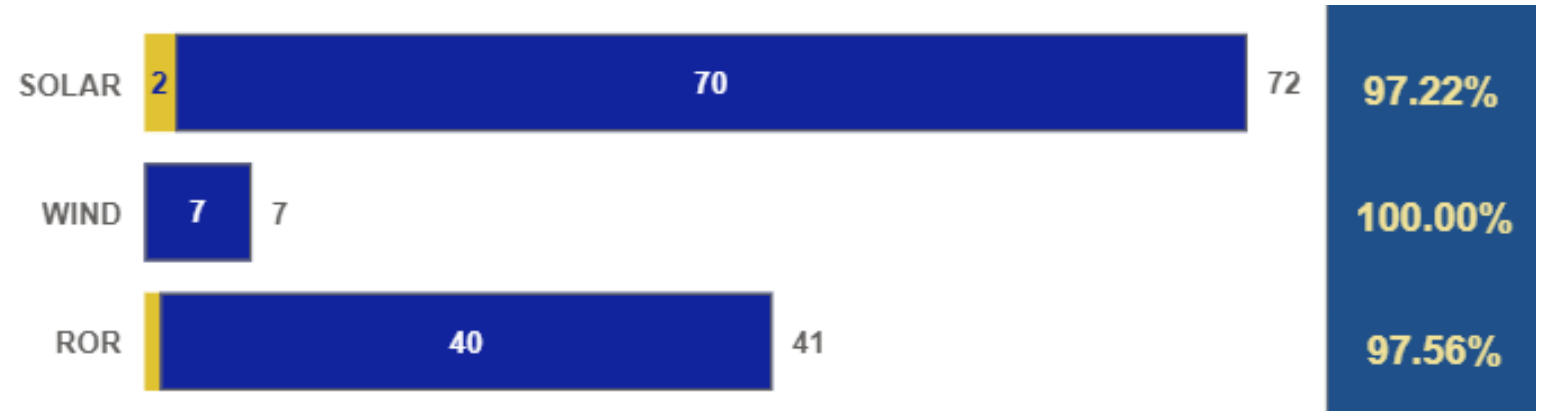
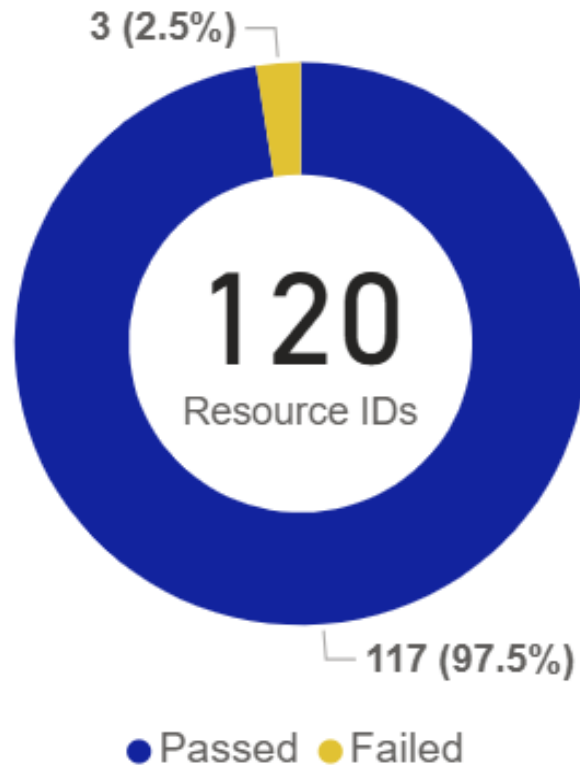
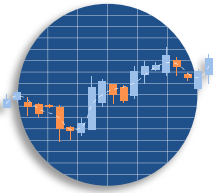
Out of the **65,726** intervals requesting replacement due to possible Data Variance, **8,846** intervals were replaced, **56,855** were retained, and **25** were excluded.

Out of **13,265** intervals requesting exclusion, **8,766** intervals were retained, and **4,499** intervals were excluded after the ECO's assessment.

FINAL FAS REPORT (OVERALL PASSING RATE)

May 2025

MAPE



- Of the 120 monitored facilities, 117 met the MAPE standards, while 3 failed to meet the standard.
- 70 out of 72 Solar Power Plants, all 7 Wind Power Plants, and 40 out of 41 Run-of-River Power Plants passed the MAPE standards, as of the May 2025 billing period.

MAPE PASSING RATE TREND

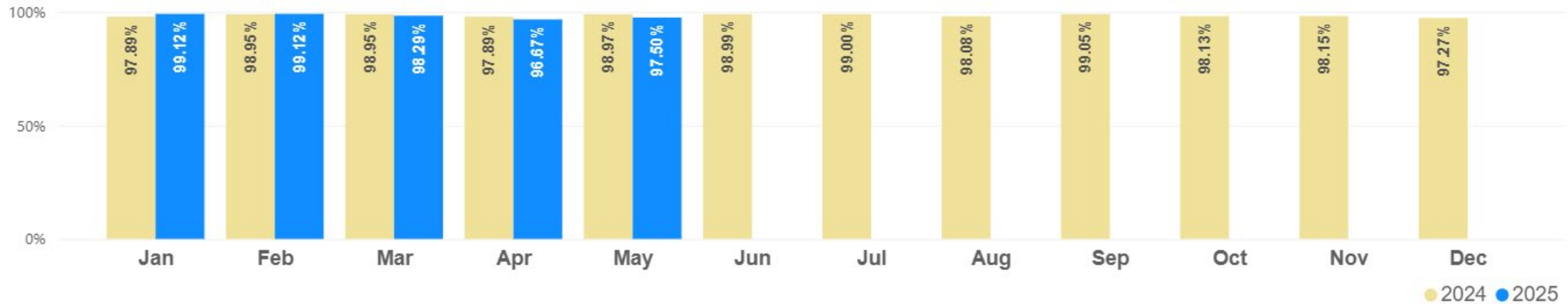
May 2025



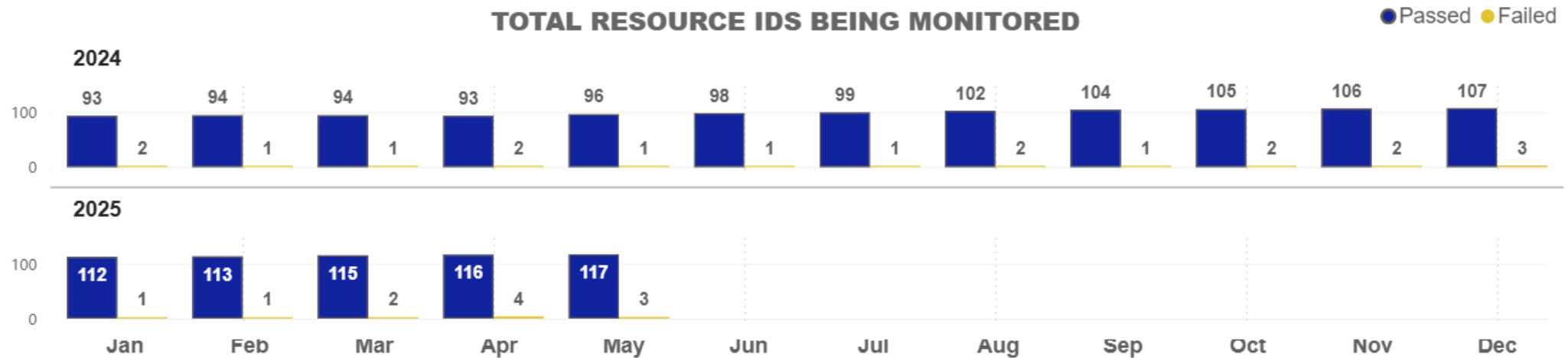
The MAPE passing rate in May 2025 increased to 97.50%, due to an improvement in one (1) facility. This reflects a decrease in failing facilities compared to April 2025, during which four (4) facilities failed.

MAPE PASSING RATE AS OF MAY 2025 (OVERALL)

MAPE PASSING RATE BY MONTH



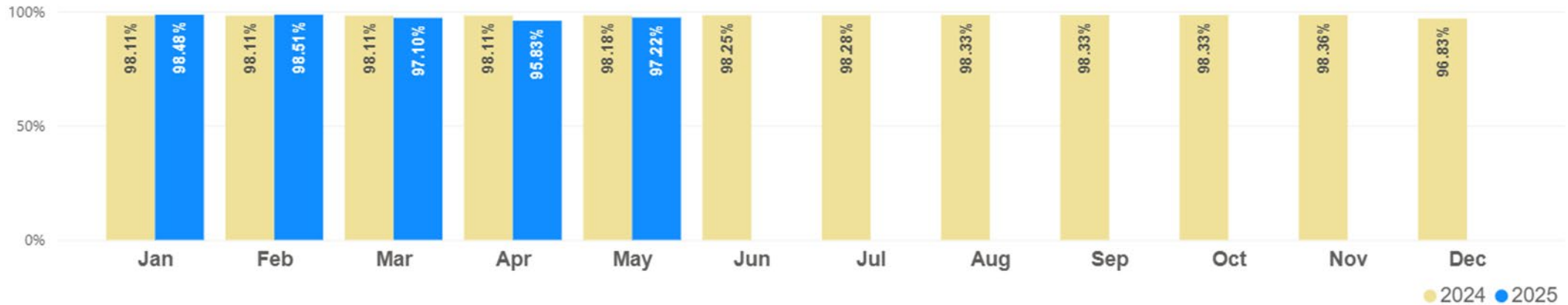
TOTAL RESOURCE IDS BEING MONITORED



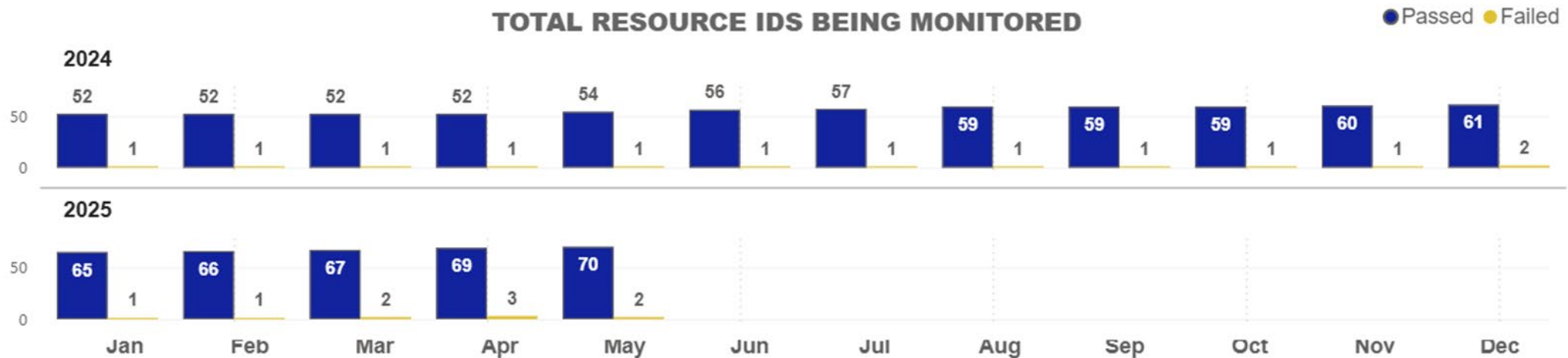
The overall passing rate for MAPE rose to 97.50%, as of May 2025 billing period.

MAPE PASSING RATE AS OF MAY 2025 (SOLAR)

MAPE PASSING RATE BY MONTH



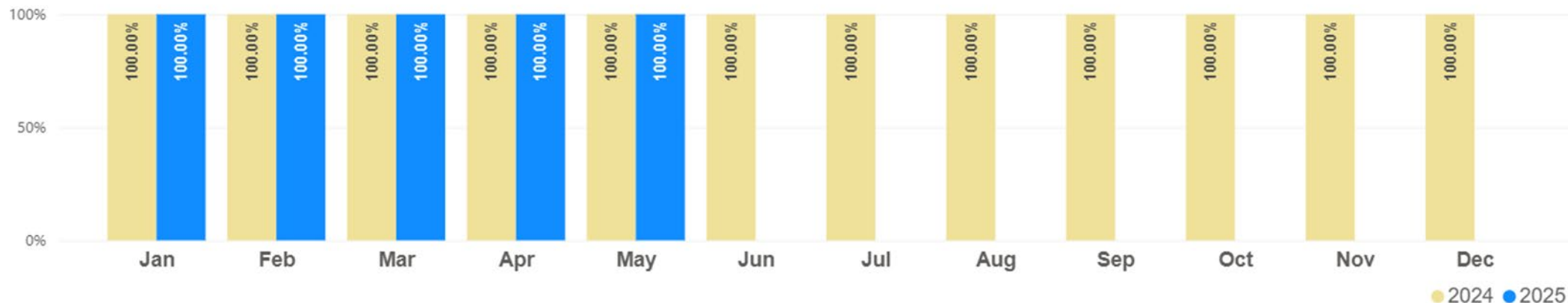
TOTAL RESOURCE IDS BEING MONITORED



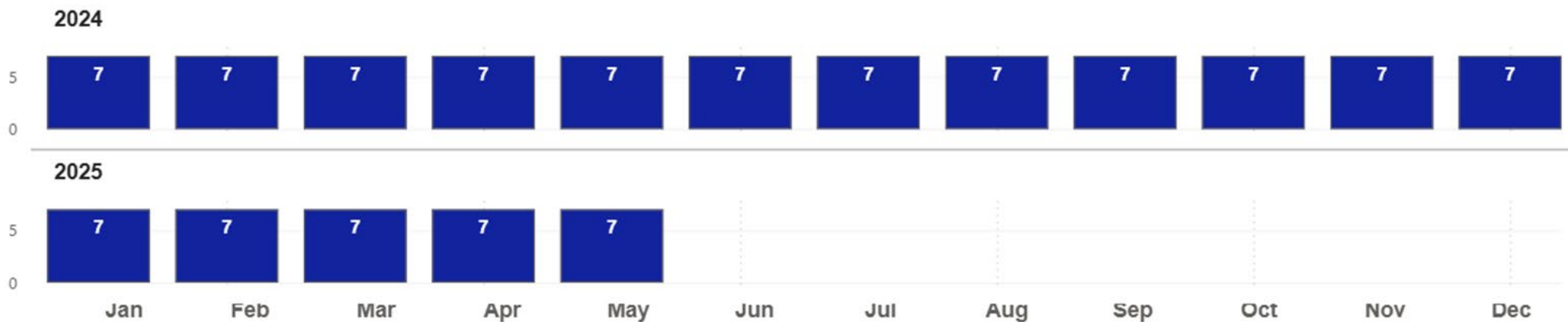
The passing rate for Solar in May 2025 increased to 97.22%, reflecting an improvement from recent months.

MAPE PASSING RATE AS OF MAY 2025 (WIND)

MAPE PASSING RATE BY MONTH

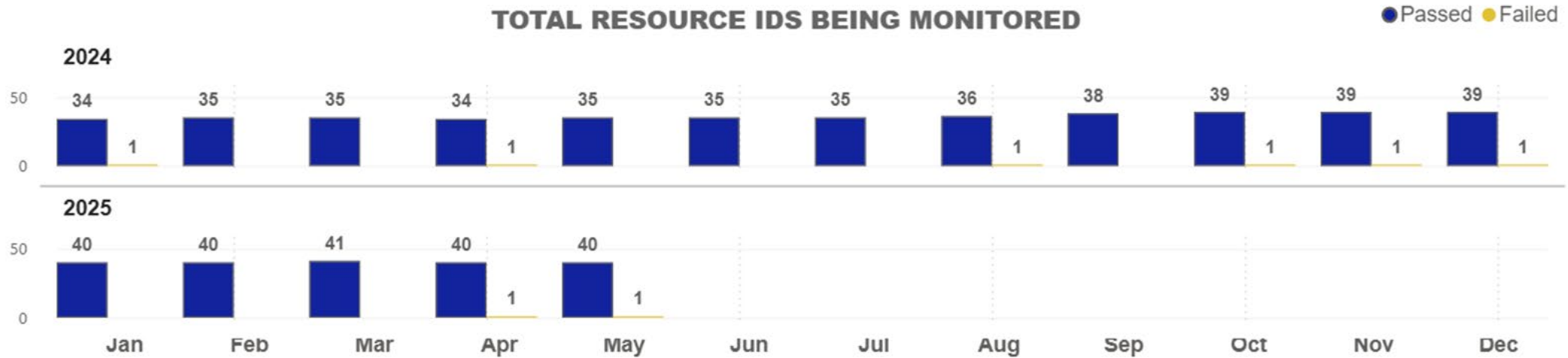
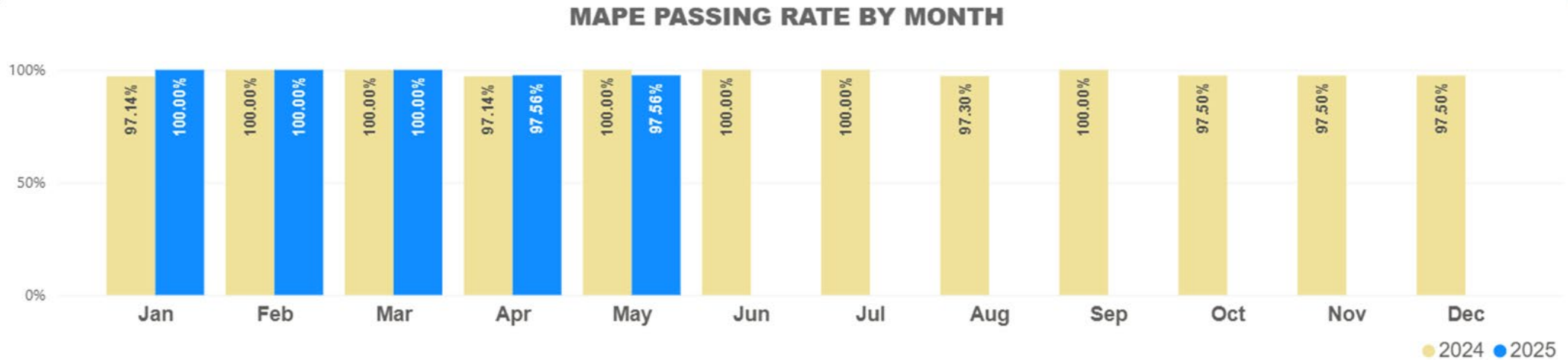


TOTAL RESOURCE IDS BEING MONITORED



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

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

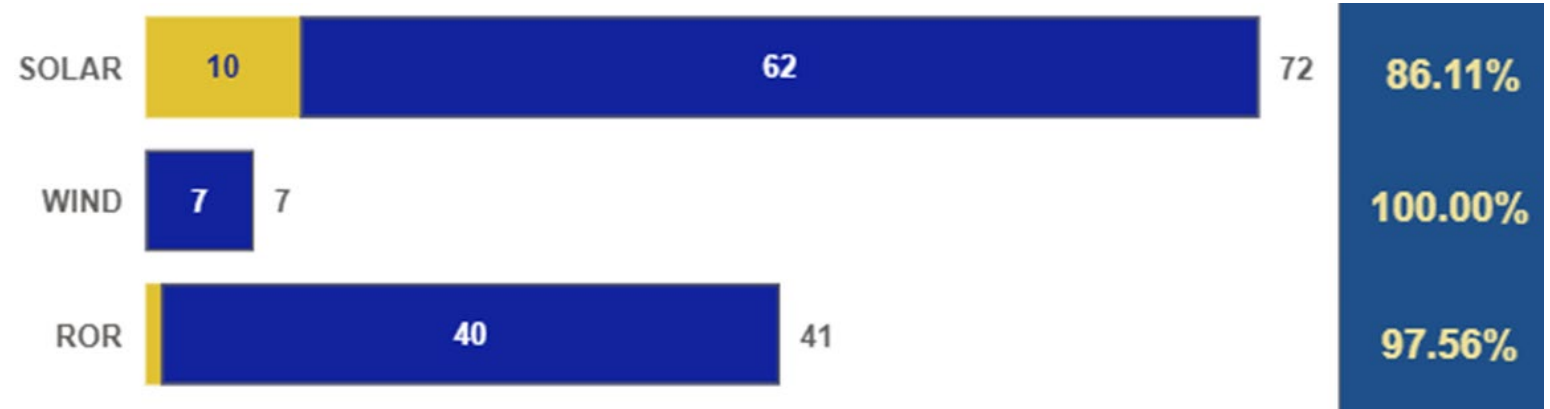
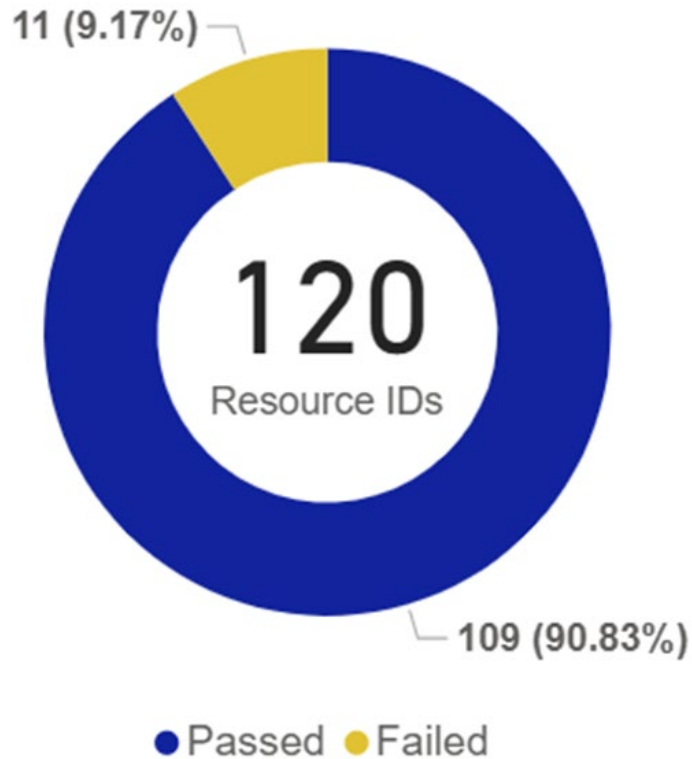
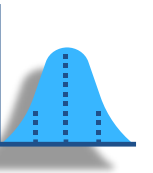


One ROR facility failed the MAPE, resulting in a 97.56% passing rate

FINAL FAS REPORT (OVERALL PASSING RATE)

May 2025

PERC95



- Out of 120 monitored facilities, 109 (90.83%) performed within the PERC95 standards, while 11 facilities failed.
- 62 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

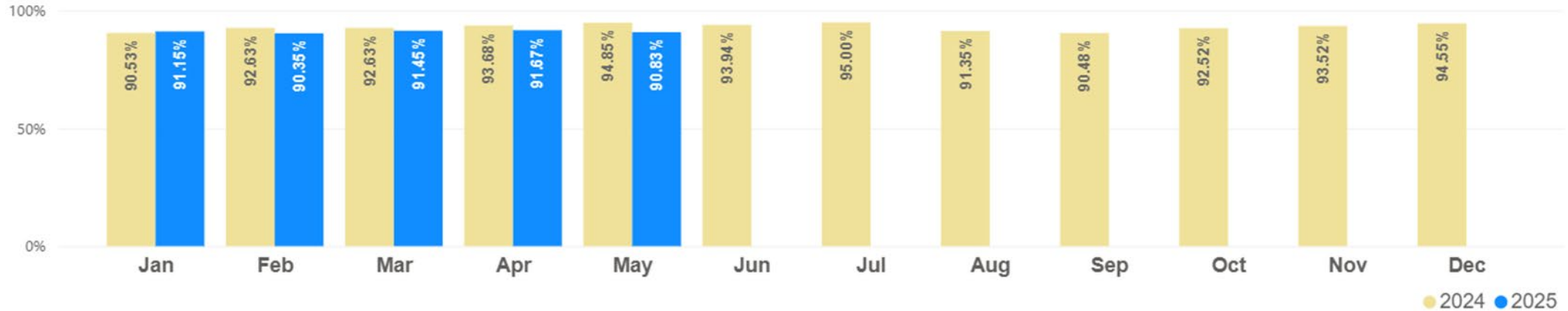
May 2025



The PERC95 passing rate decreased to 90.83% in May 2025, down from 91.67% in April 2025. This decline was due to one additional facility failing to meet the standard—bringing the total to eleven (11) failing facilities in May, compared to ten (10) in April.

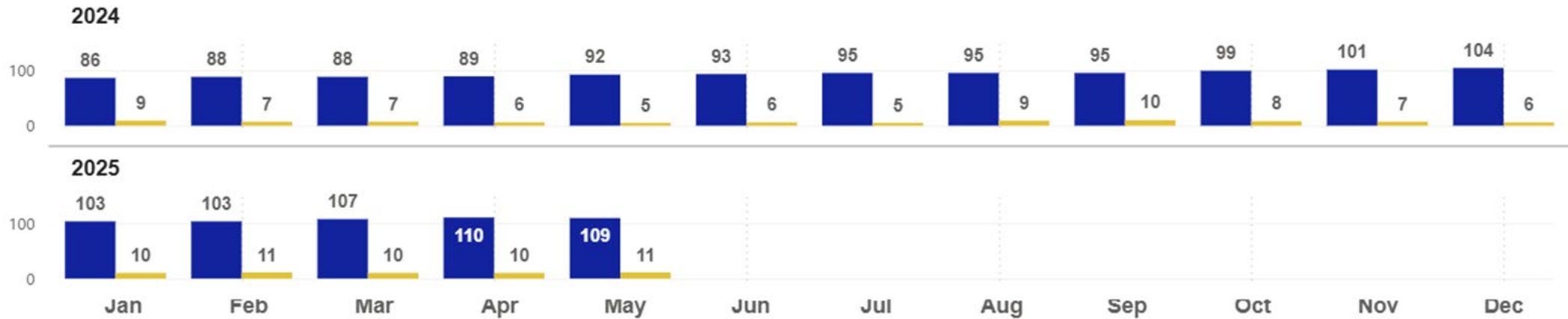
PERC95 PASSING RATE AS OF MAY 2025 (OVERALL)

PERC95 PASSING RATE BY MONTH



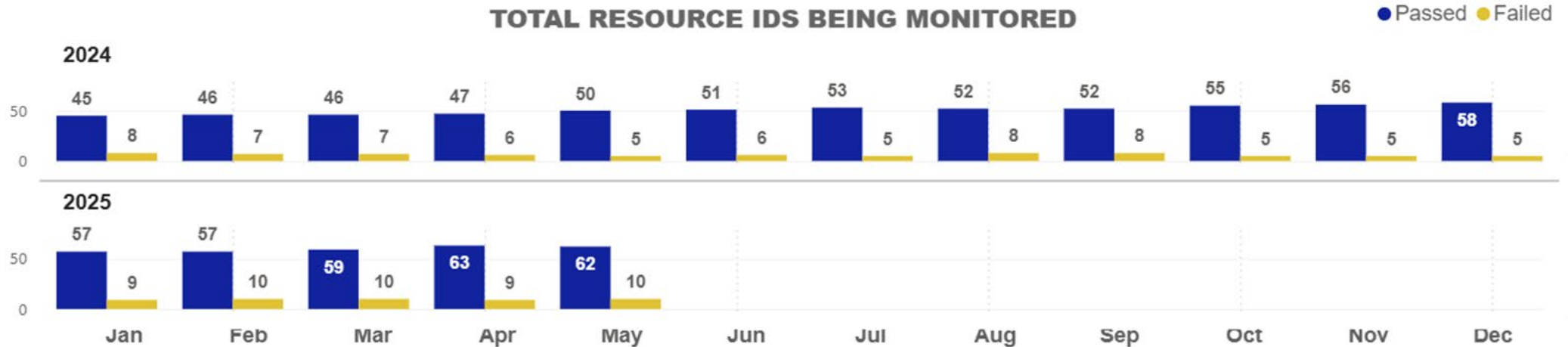
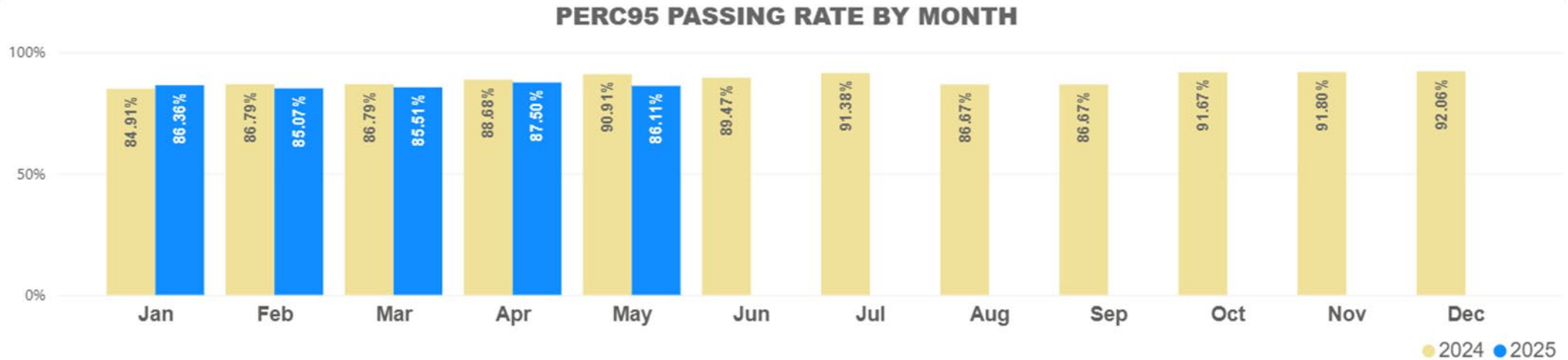
TOTAL RESOURCE IDS BEING MONITORED

● Passed ● Failed



The overall passing rate for PERC95 slightly decreased to 90.83% from 91.67% in the previous billing period.

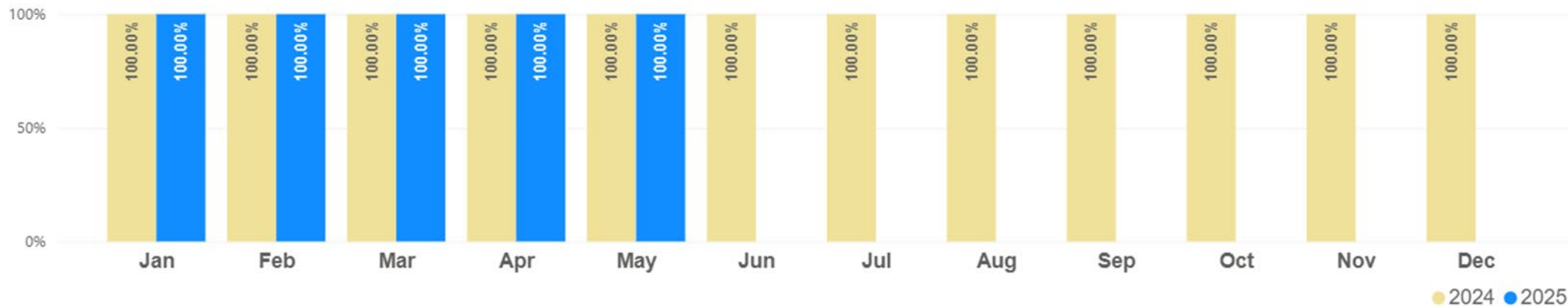
PERC95 PASSING RATE AS OF MAY 2025 (SOLAR)



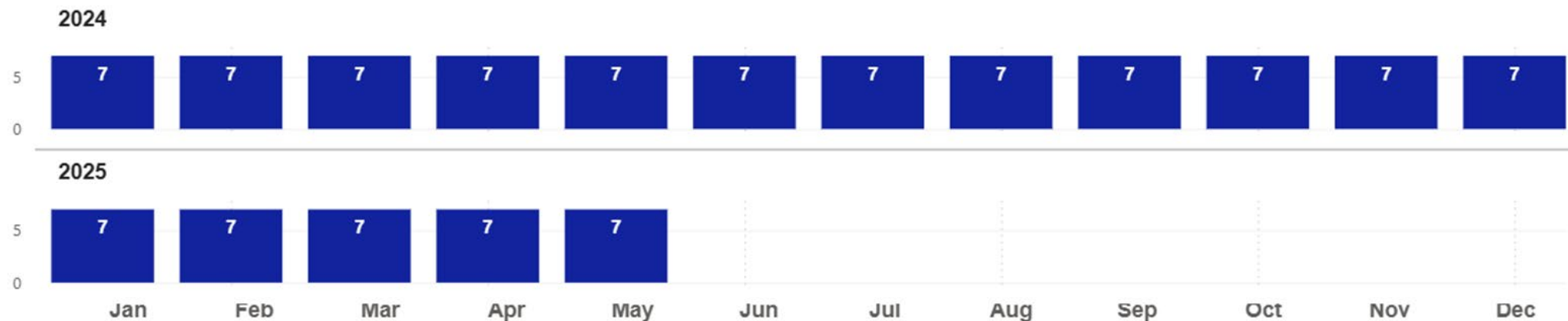
The PERC95 passing rate for Solar facilities decreased from 87.50% to 86.11% due to an increase in the number of failing facilities.

PERC95 PASSING RATE AS OF MAY 2025 (WIND)

PERC95 PASSING RATE BY MONTH



TOTAL RESOURCE IDS BEING MONITORED



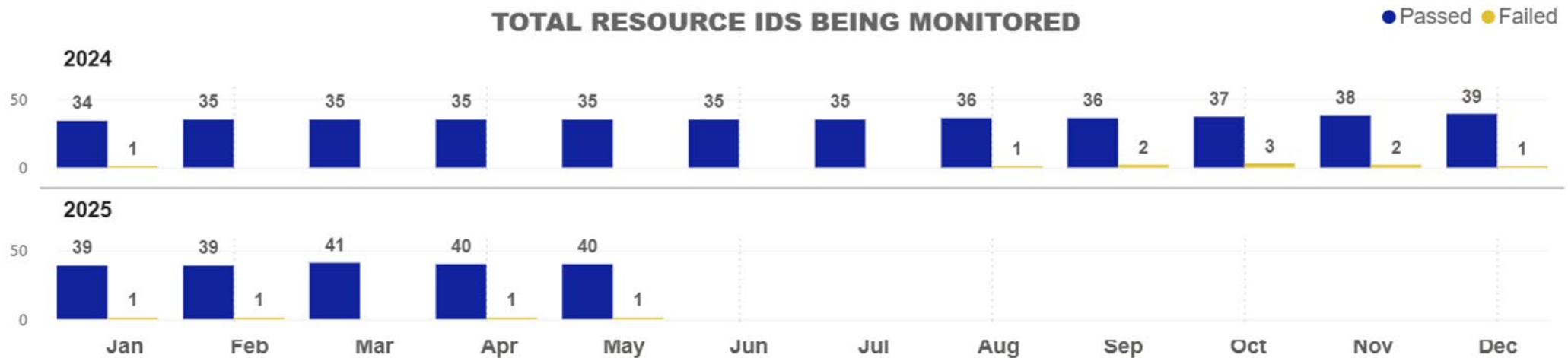
Since 2024, all seven (7) Wind facilities have consistently met the PERC95 standard.

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

PERC95 PASSING RATE BY MONTH



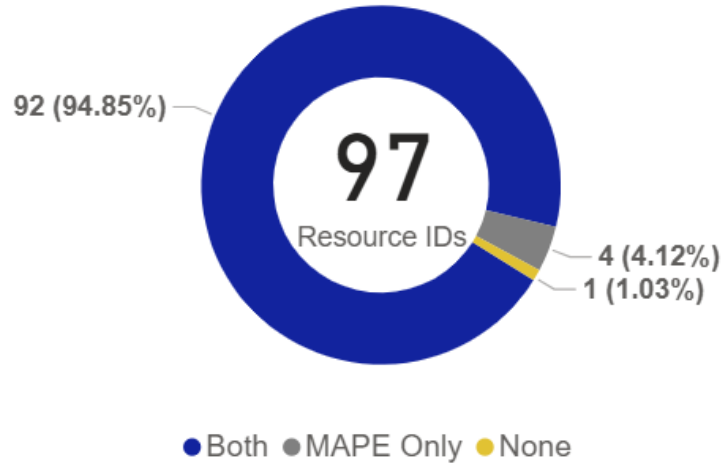
TOTAL RESOURCE IDS BEING MONITORED



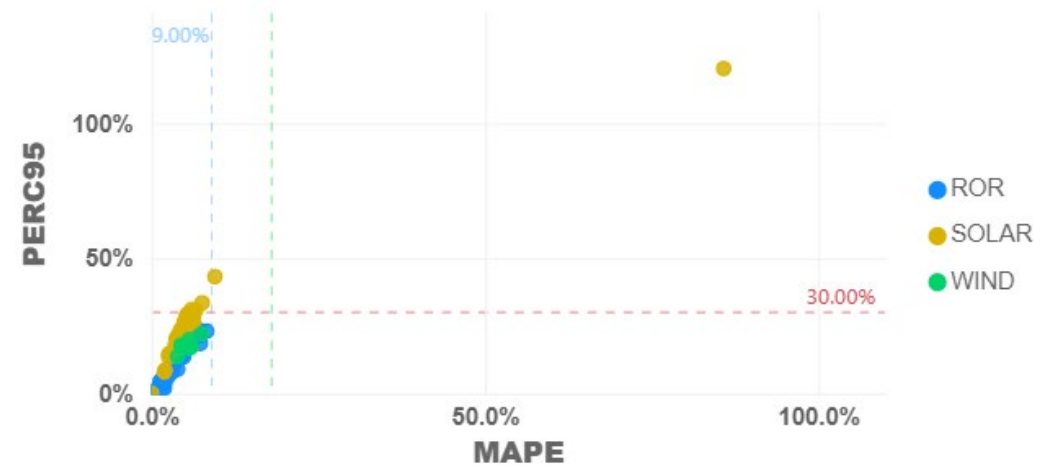
The PERC95 passing rate for Run-of-River facilities was retained at 97.65% in May 2025.

DISTRIBUTION OF MAPE AND PERC95 PERFORMANCE

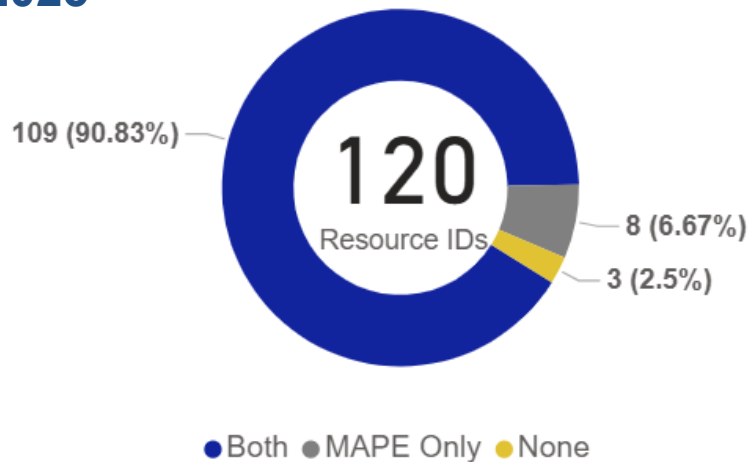
MAY 2024



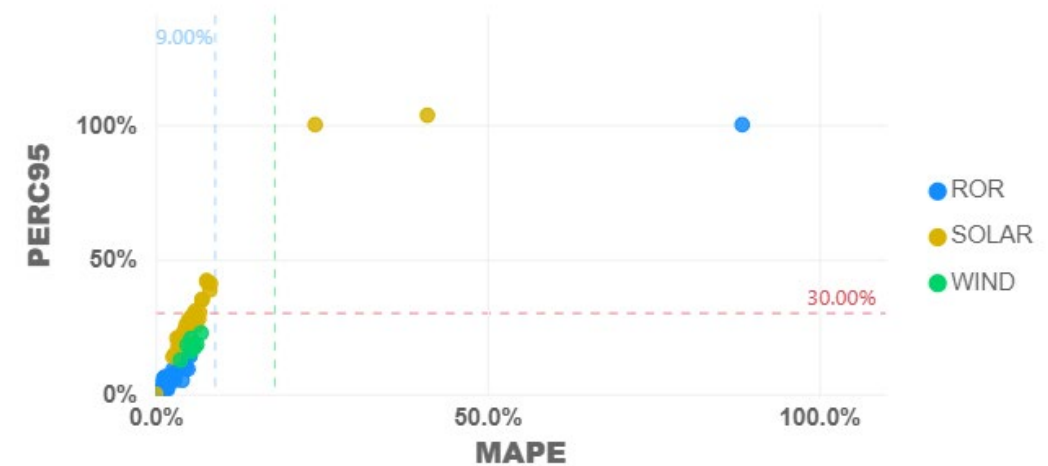
FAS DISTRIBUTION 2024



MAY 2025



FAS DISTRIBUTION 2025



REQUESTED ACTION

FOR INFORMATION

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