



Philippine Electricity  
Market Corporation

# MONTHLY FORECAST ACCURACY STANDARDS RESULT

March 2025 Billing Period

18 June 2025 | MS Teams

# REQUESTED ACTION

## FOR INFORMATION

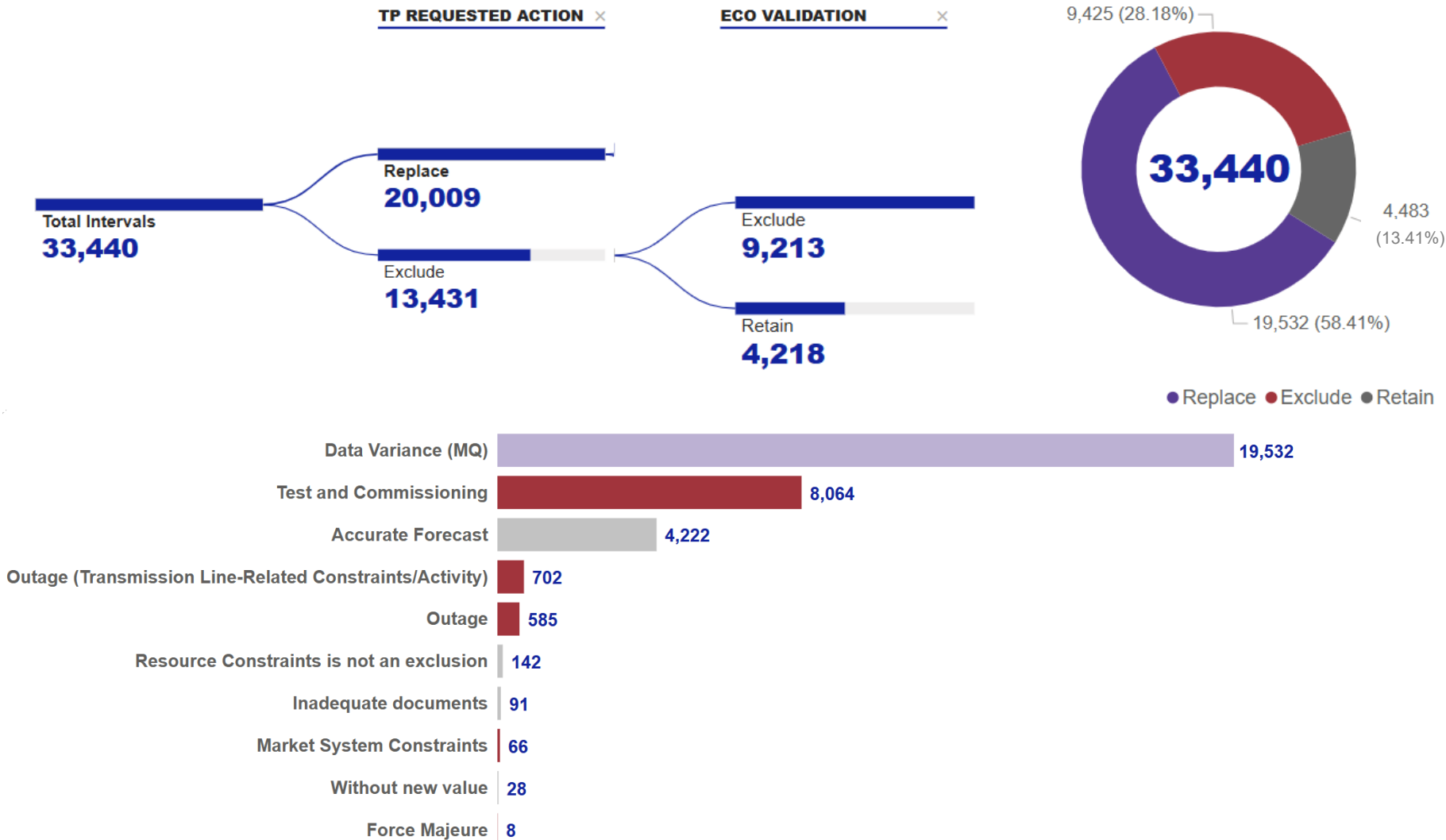
## SUMMARY OF WESM REGISTRATION ON MUST DISPATCH GENERATING UNITS

Technology	No. of Resources in Luzon	No. of Resources in Visayas	No. of Resources in Mindanao	Total
Run of River	22	3	16	41
Solar	53	11	5	69
Wind	5	2	0	7
<b>Total</b>	<b>80</b>	<b>16</b>	<b>21</b>	<b>117</b>

- As of March 2025, there are **130** facilities registered as MDGU in the WESM.
- Monitored Facilities: **117** across Luzon, Visayas, and Mindanao
- Facilities under Test and Commissioning: **13**

# TOTAL INTERVALS WITH REQUESTED ACTION & ECO ASSESSMENT – MARCH 2025

## ECO ASSESSMENT



ECO received a total of **33,440** intervals with requested action.

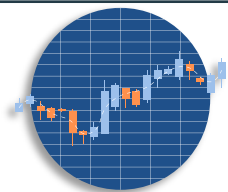
- **Request for Exclusion:** 13,431 intervals
- **Request for Data Replacement:** 20,009 intervals

Out of the **20,009** intervals requesting replacement due to possible Data Variance, **19,532** intervals were replaced, **265** were retained, and **212** were excluded.

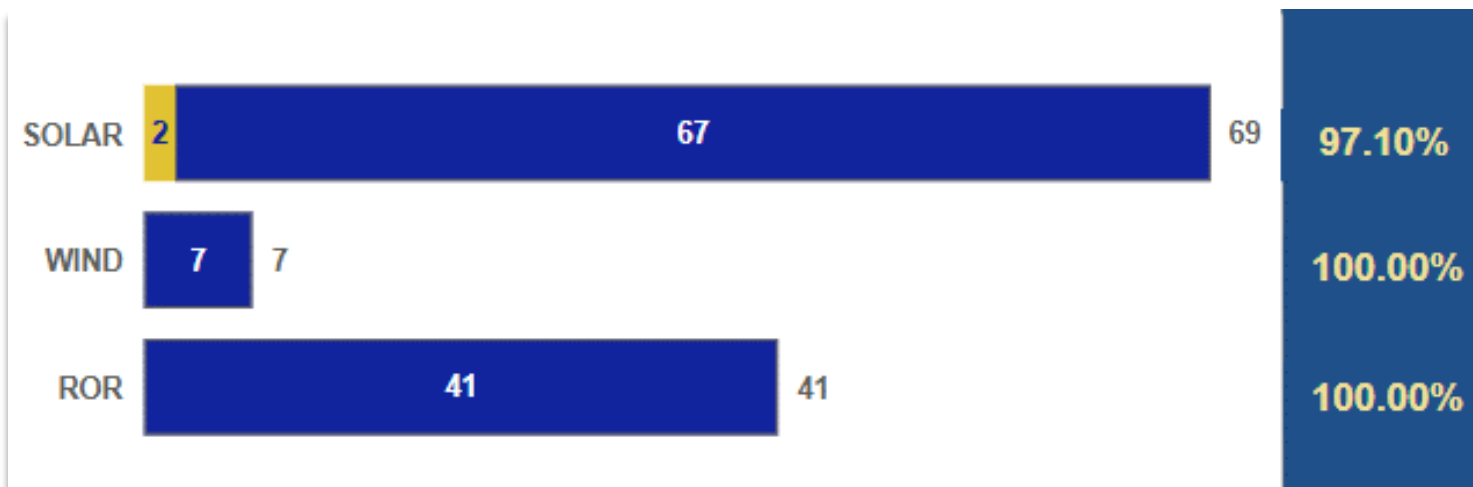
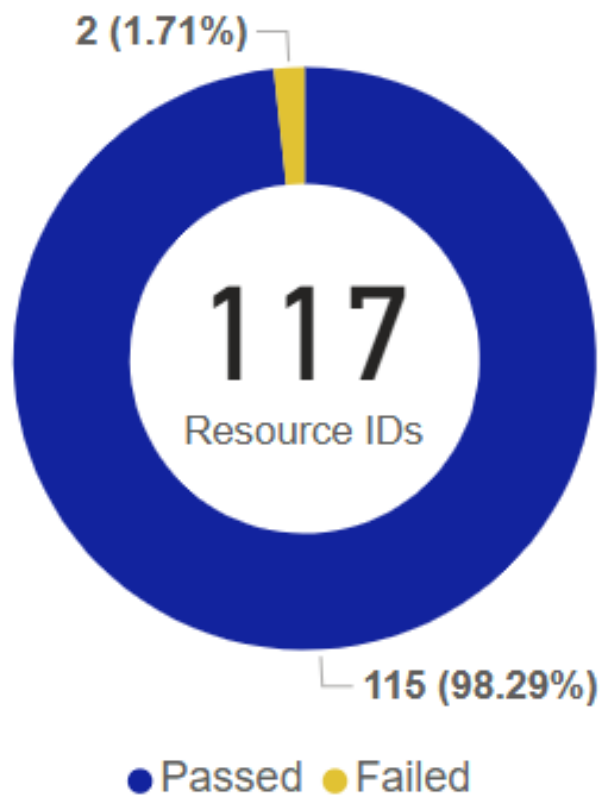
Out of **13,431** intervals requesting exclusion, **4,218** intervals were retained, and **9,213** intervals were excluded after the ECO's assessment.

# MARCH 2025 FINAL FAS REPORT (OVERALL PASSING RATE)

## MAPE

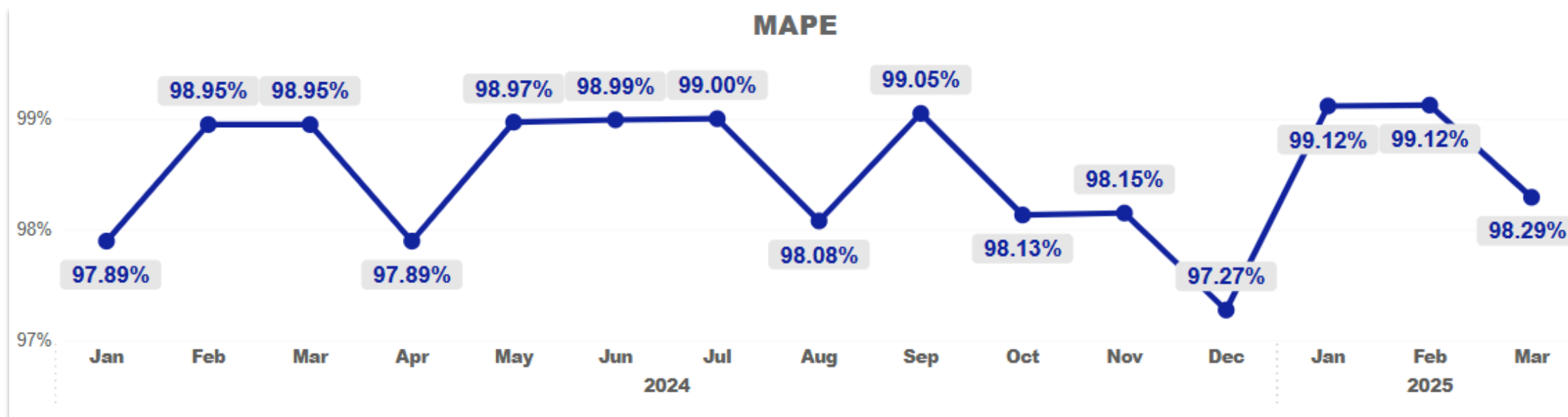


### MAPE PERFORMANCE



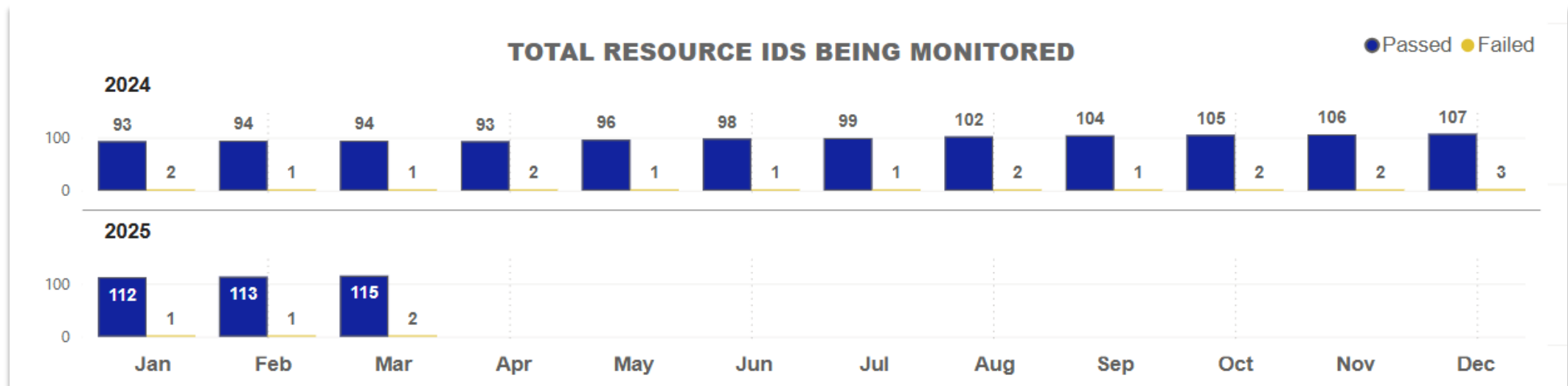
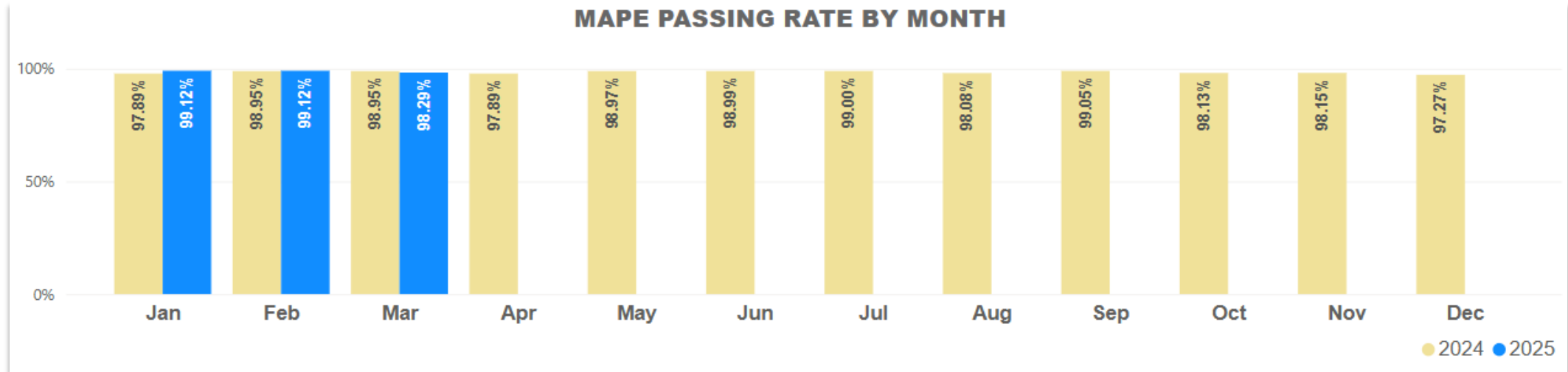
- Of the 117 monitored facilities, 115 met the MAPE standards, while 2 failed to meet the standard.
- 67 out of 69 Solar Power Plants, all 7 Wind Power Plants, and all 41 Run-of-River Power Plants passed the MAPE standards, as of the March 2025 billing period.

# MAPE PASSING RATE TREND AS OF MARCH 2025



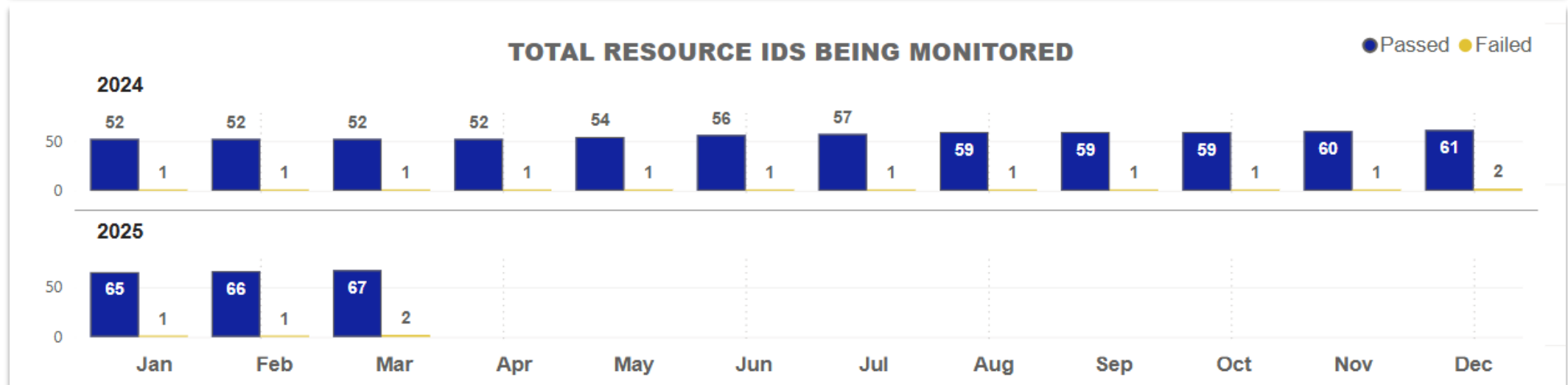
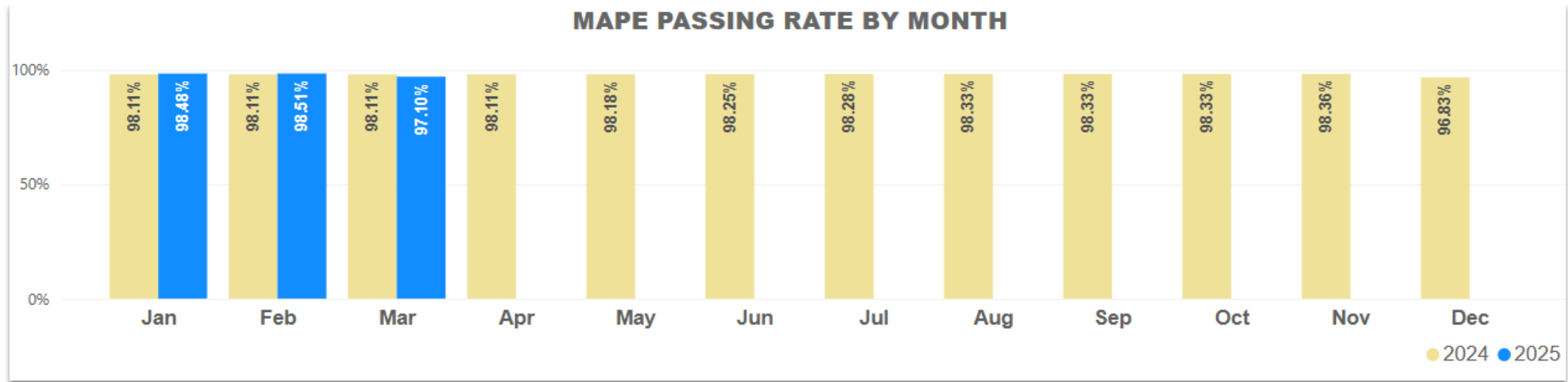
The MAPE passing rate in March 2025 decreased to 98.29% due to an addition of one failing facility.

# MAPE PASSING RATE AS OF MARCH 2025 (OVERALL)



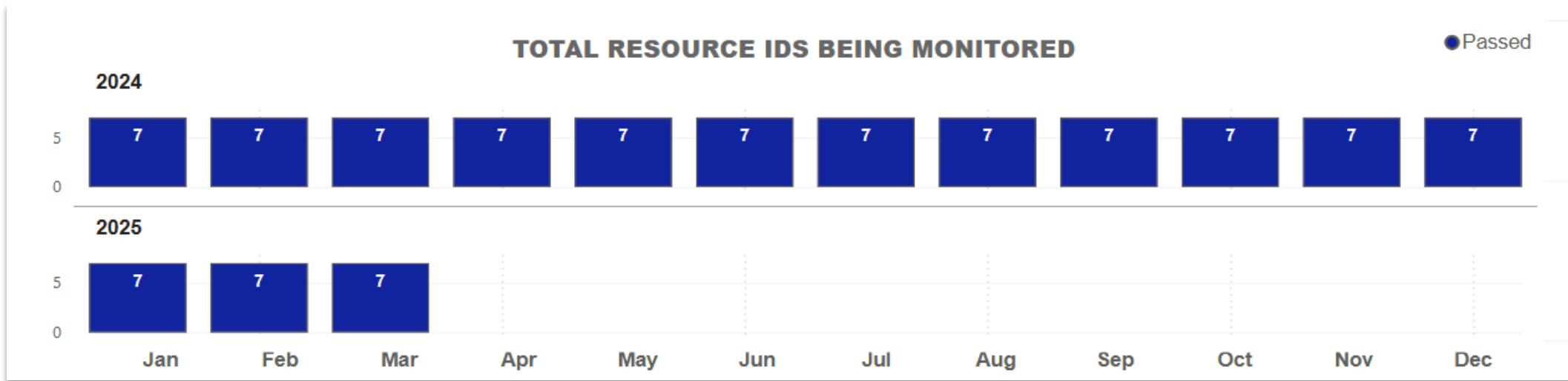
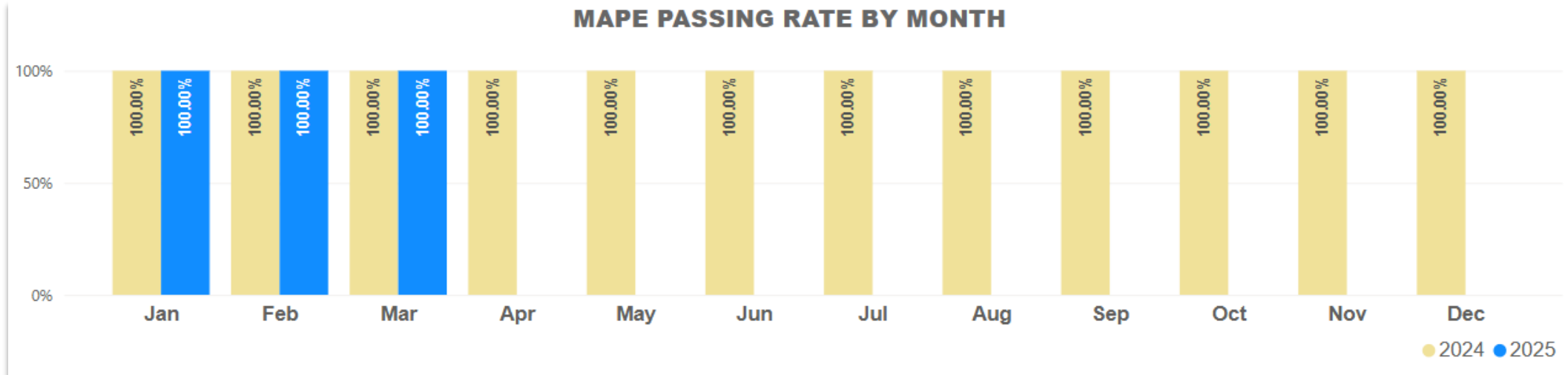
The overall passing rate for MAPE decrease to 98.29%, as of March 2025 billing period.

# MAPE PASSING RATE AS OF MARCH 2025 (SOLAR)



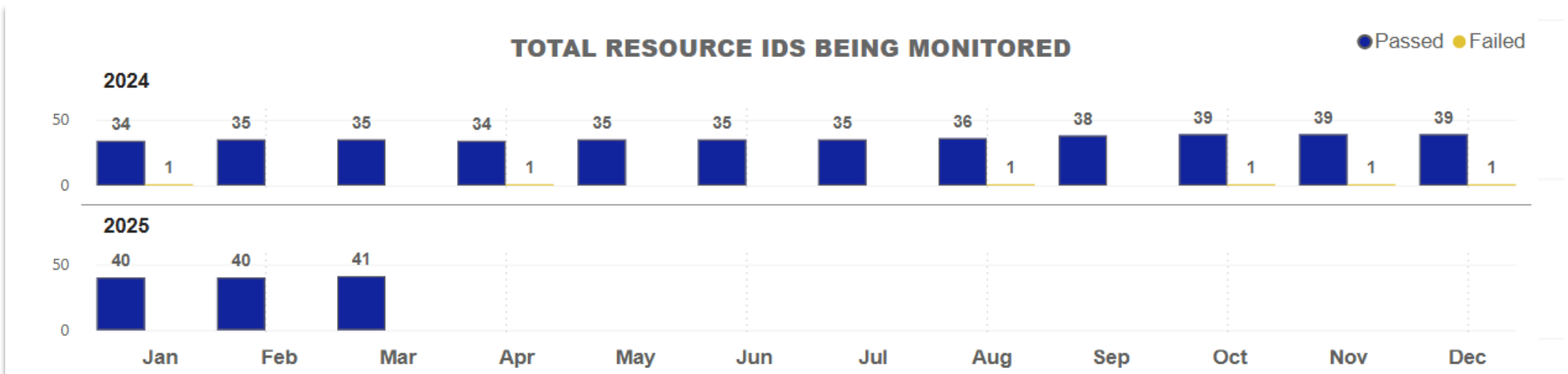
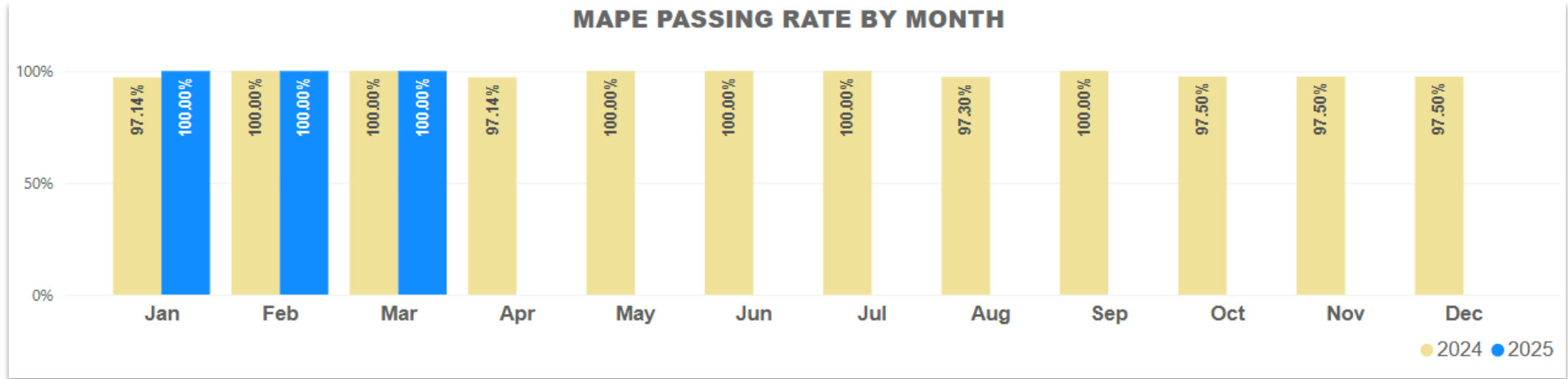
The passing rate for Solar in March 2025 decreased to 97.10% from 98.51% in the previous billing period.

# MAPE PASSING RATE AS OF MARCH 2025 (WIND)



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

# MAPE PASSING RATE AS OF MARCH 2025 (RUN-OF-RIVER)

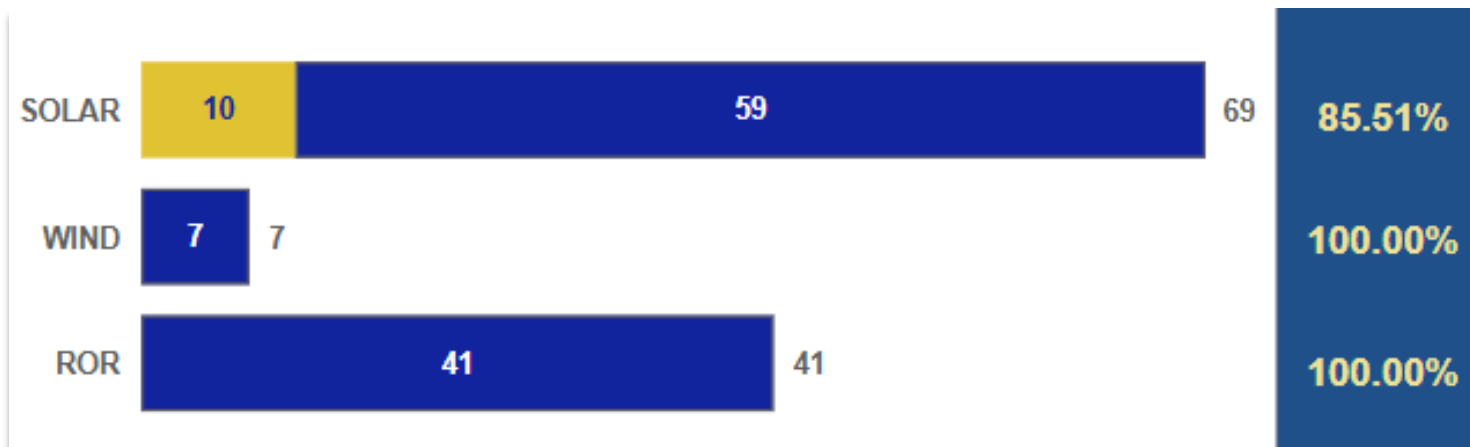
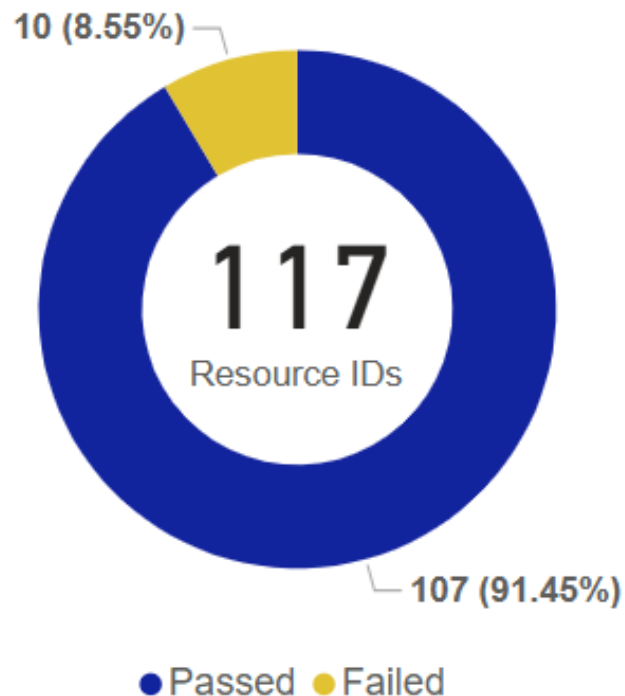


No ROR facilities failed the MAPE standard in March 2025.

# MARCH 2025 FINAL FAS REPORT (OVERALL PASSING RATE)

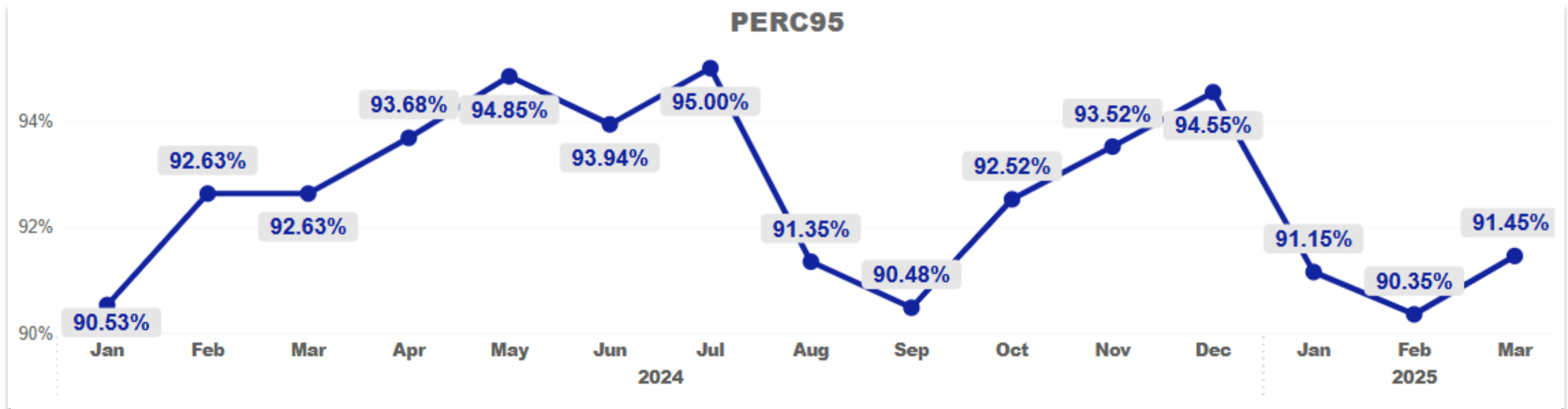
## PERC95

### PERC95 PERFORMANCE



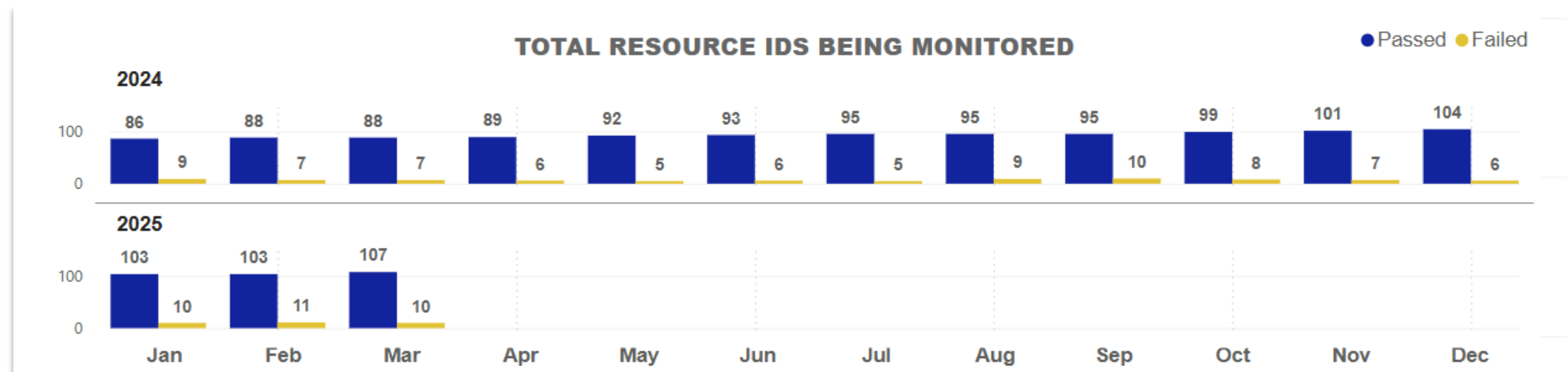
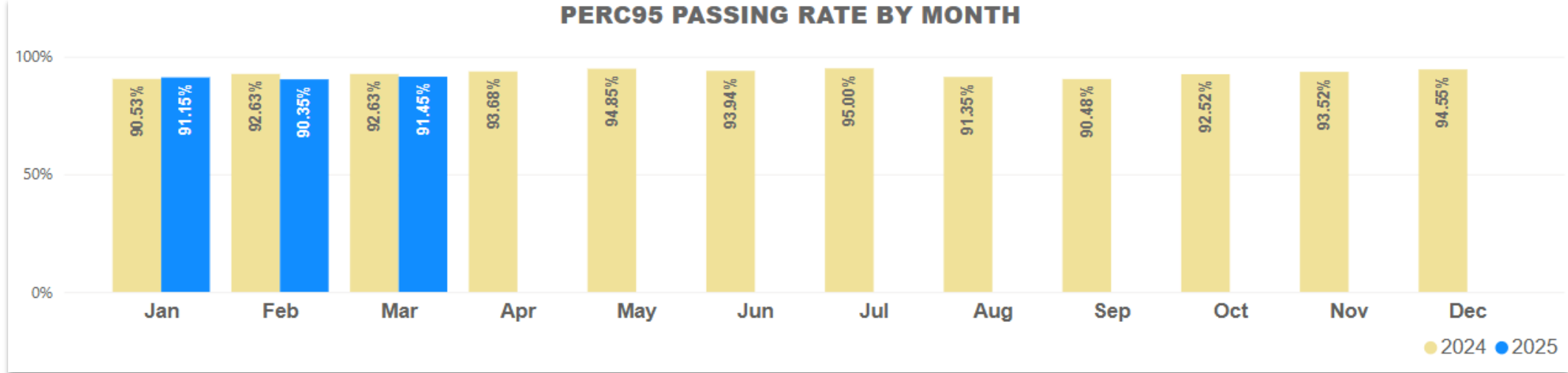
- Out of 117 monitored facilities, 107 (91.45%) performed within the PERC95 standards, while 10 facilities failed.
- 59 out of 69 Solar Power Plants, all 7 Wind Power Plants, and 41 out of 41 Run-of-River Power Plants passed the PERC95 standards.

# PERC95 PASSING RATE TREND AS OF MARCH 2025



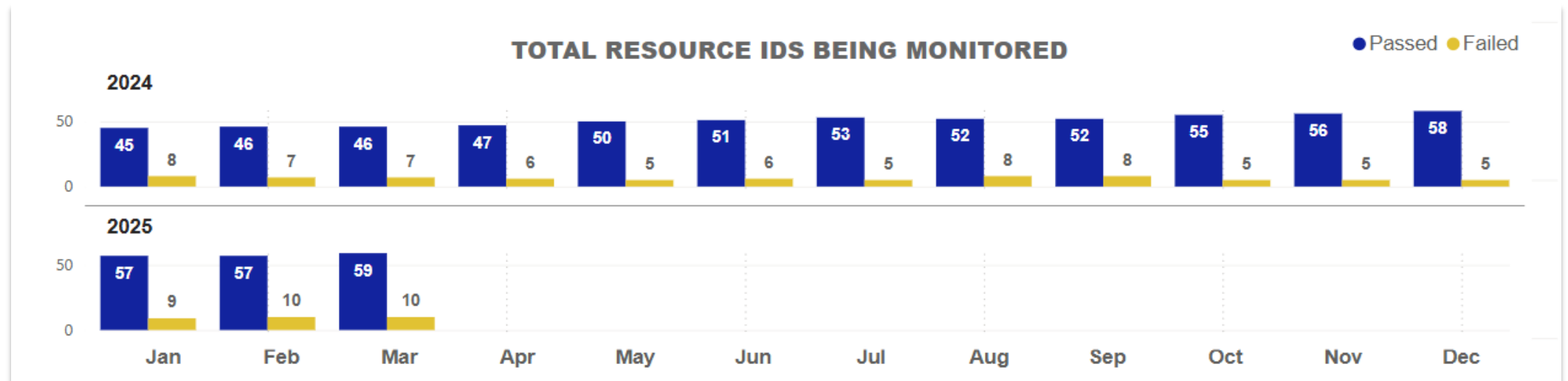
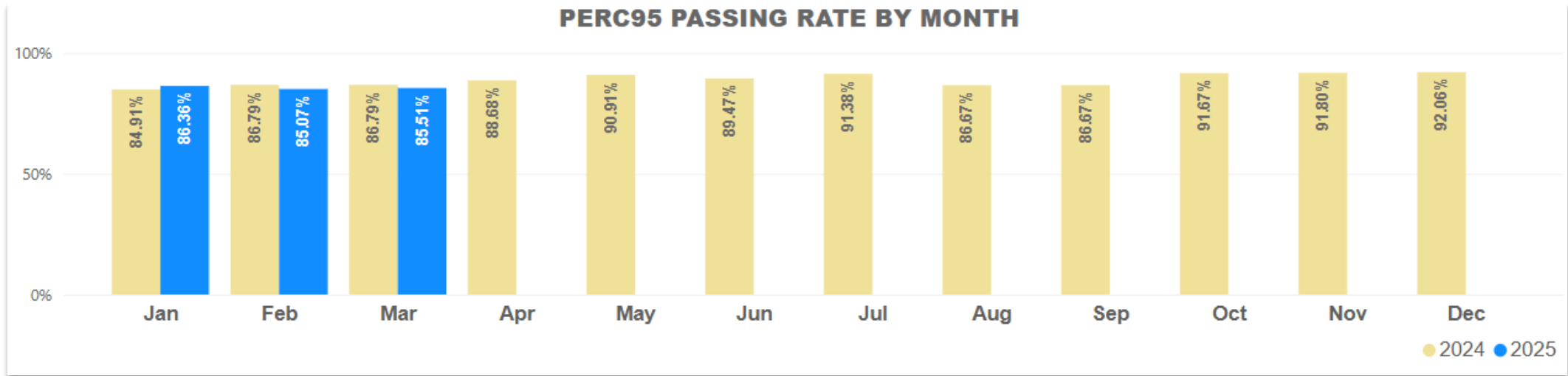
The PERC95 passing rate increased with a passing rate of 91.45% in March 2025 due to a decrease of 1 facility failing the PERC95 standard compared to February 2025.

# PERC95 PASSING RATE AS OF MARCH 2025 (OVERALL)



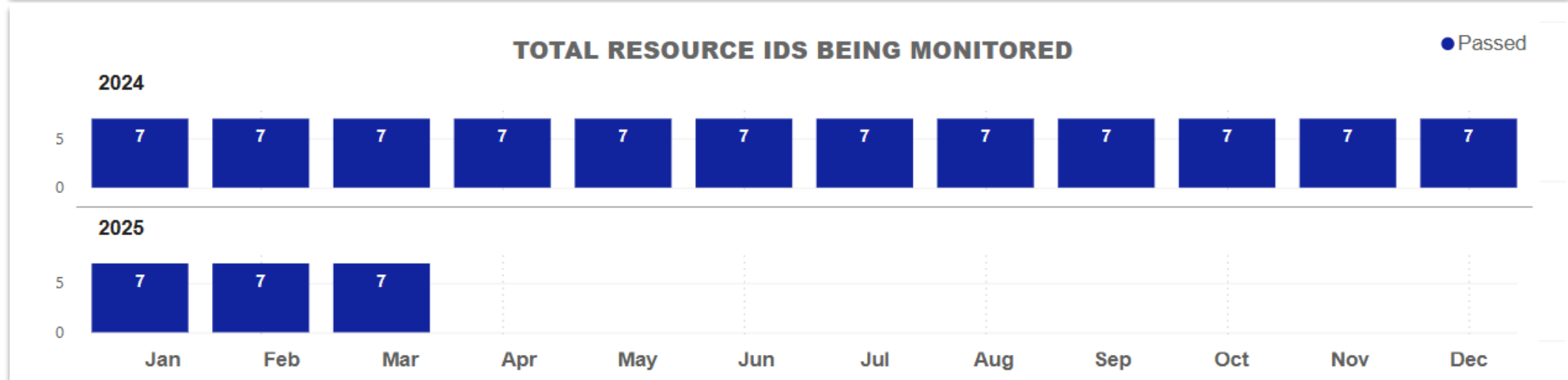
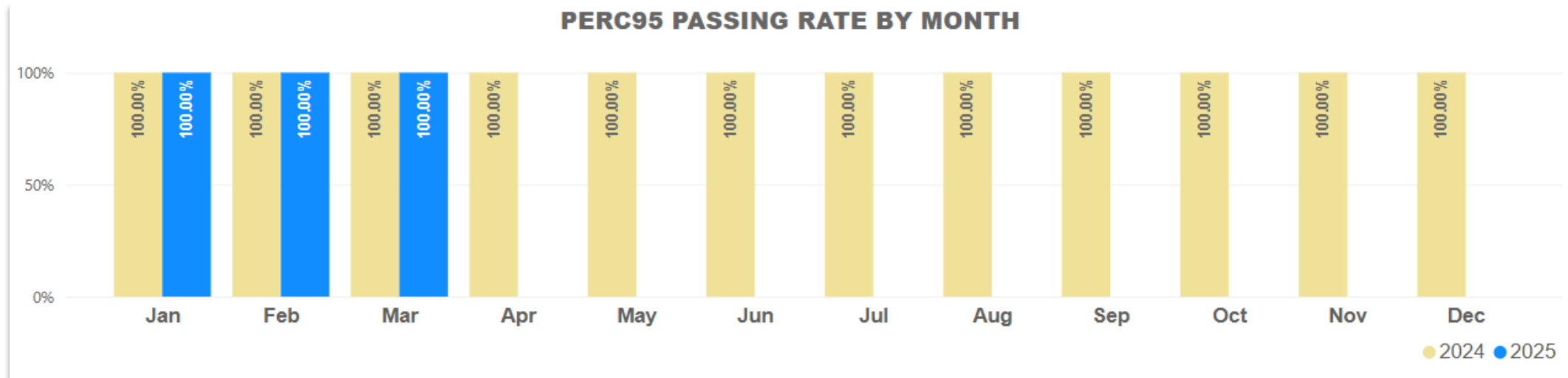
The overall passing rate for PERC95 increased to 91.45% from 90.35% in the previous billing period.

# PERC95 PASSING RATE AS OF MARCH 2025 (SOLAR)



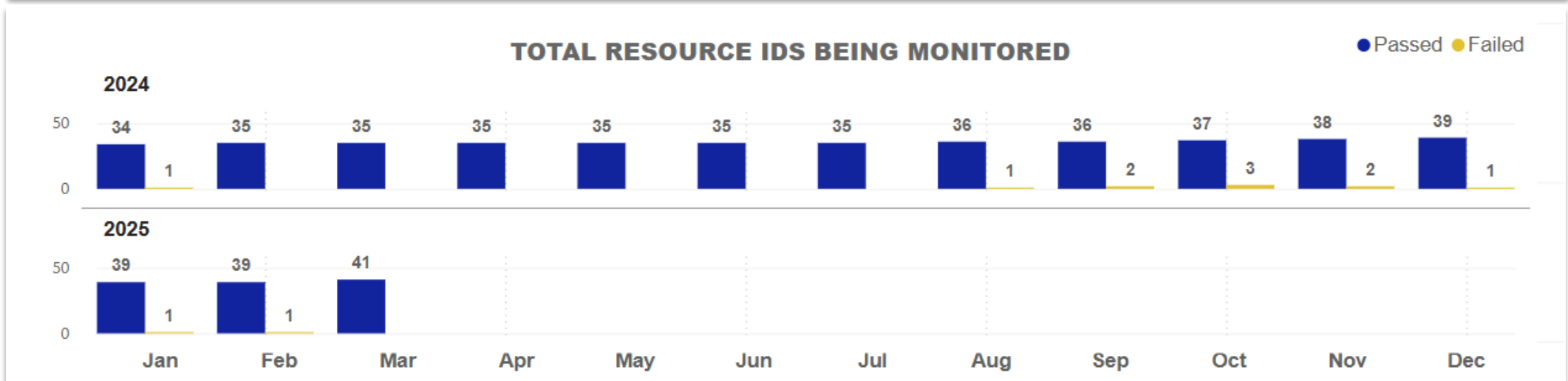
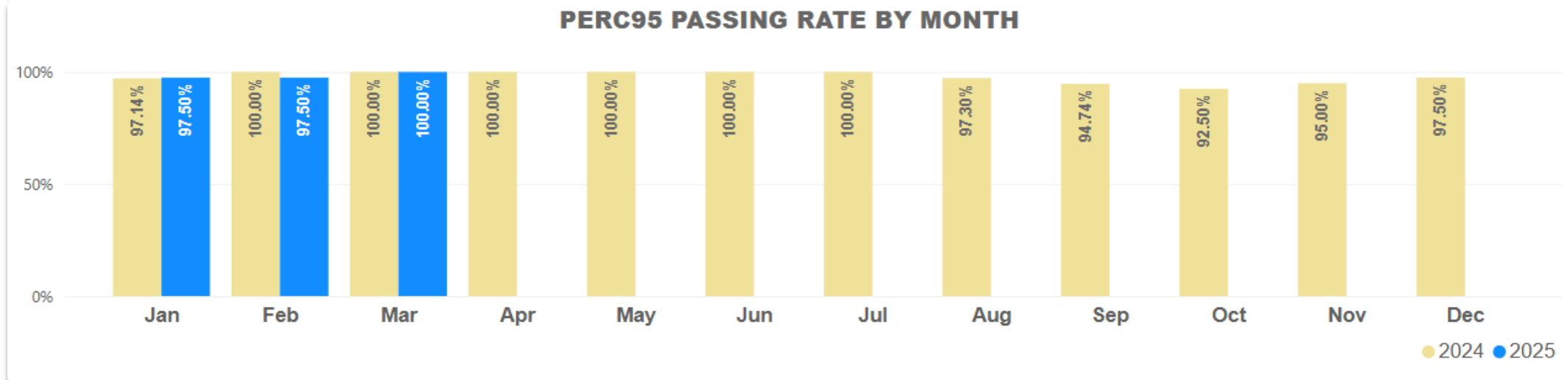
The PERC95 passing rate for Solar facilities increased from 85.07% to 85.51% due to the increase in number of monitored facilities

# PERC95 PASSING RATE AS OF MARCH 2025 (WIND)



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

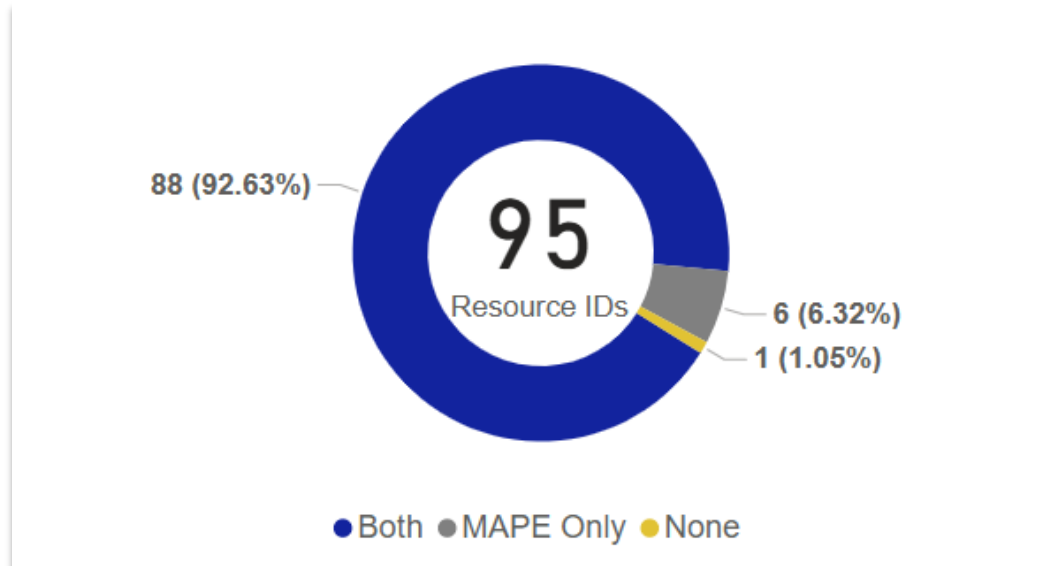
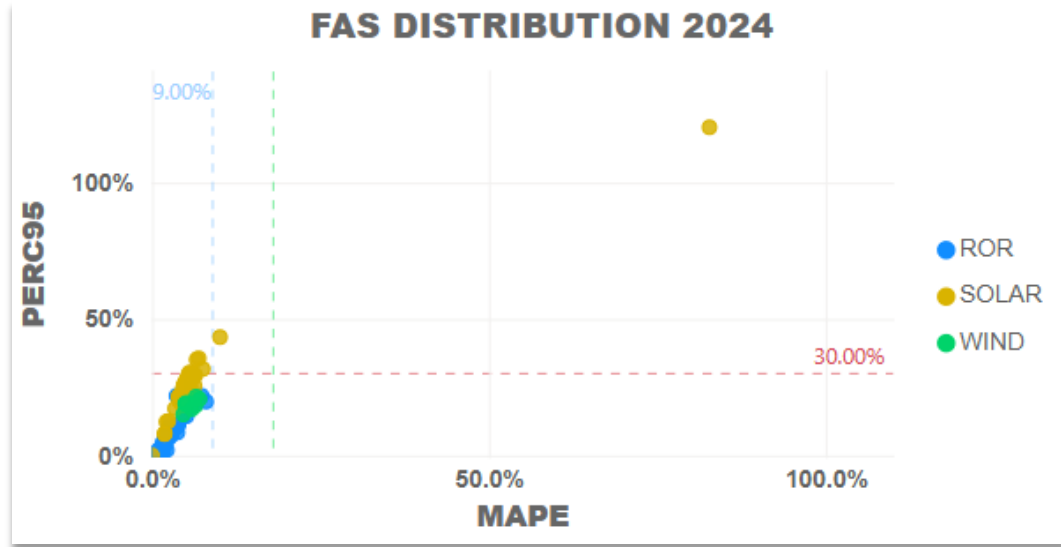
# PERC95 PASSING RATE AS OF MARCH 2025 (RUN-OF-RIVER)



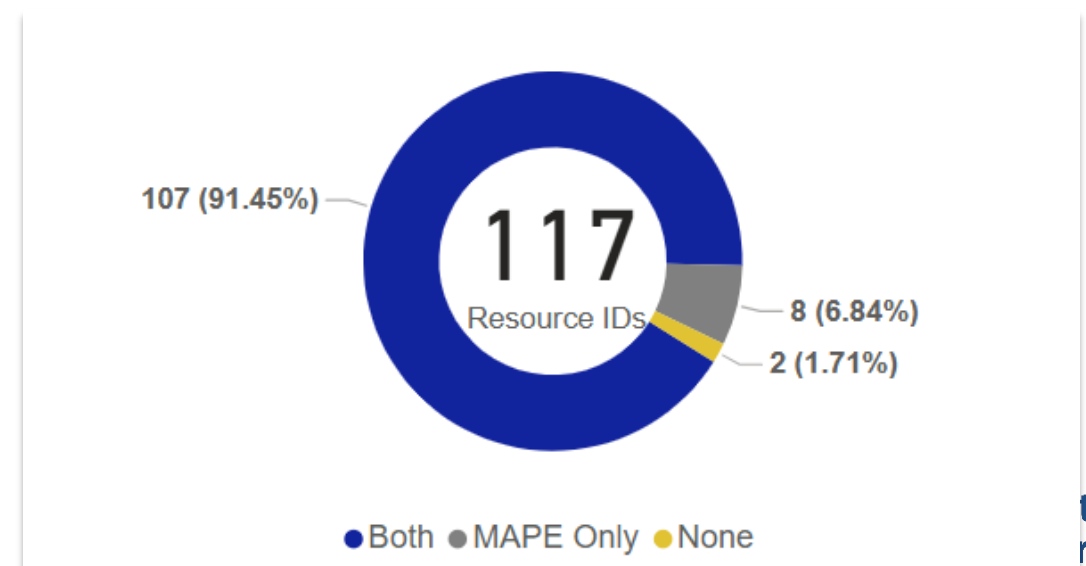
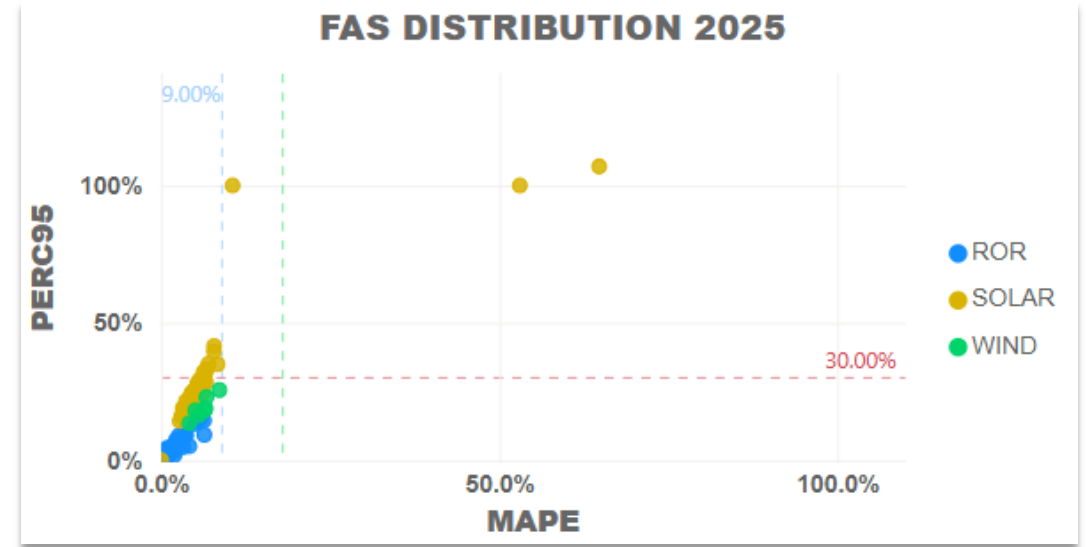
The PERC95 passing rate for Run-of-River facilities increased to 100% in March 2025.

# MAPE AND PERC95 DISTRIBUTIONS

March 2024



March 2025



# REQUESTED ACTION

# FOR INFORMATION

# Connect with PEMC



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