



Philippine Electricity  
Market Corporation

# MONTHLY FORECAST ACCURACY STANDARDS RESULT

January 2025 Billing Period

23 April 2025 | PEMC Board Room

# REQUESTED ACTION

## FOR INFORMATION

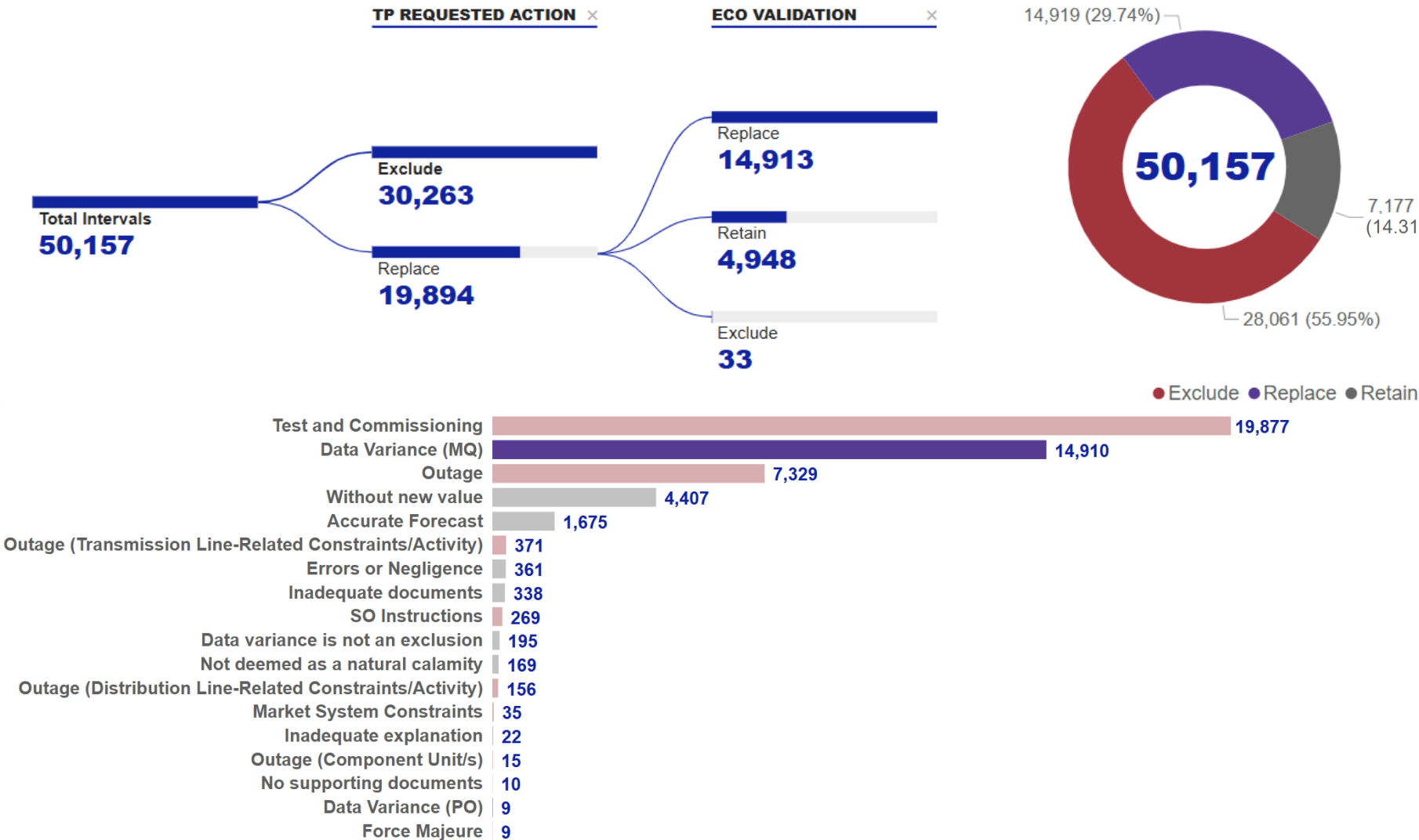
# SUMMARY OF WESM REGISTRATION ON MUST DISPATCH GENERATING UNITS

Technology	No. of Resources in Luzon	No. of Resources in Visayas	No. of Resources in Mindanao	Total
Run of River	21	3	16	40
Solar	50	11	5	66
Wind	5	2	0	7
Total	76	16	21	113

- As of January 2025, there are **128** facilities registered as MDGU in the WESM.
- Monitored Facilities: **113** across Luzon, Visayas, and Mindanao
- Facilities under Test and Commissioning: **15**

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

## ECO ASSESSMENT



ECO received a total of **50,157** intervals with requested action.

- **Request for Exclusion:** 30,263 intervals
- **Request for Data Replacement:** 19,894 intervals

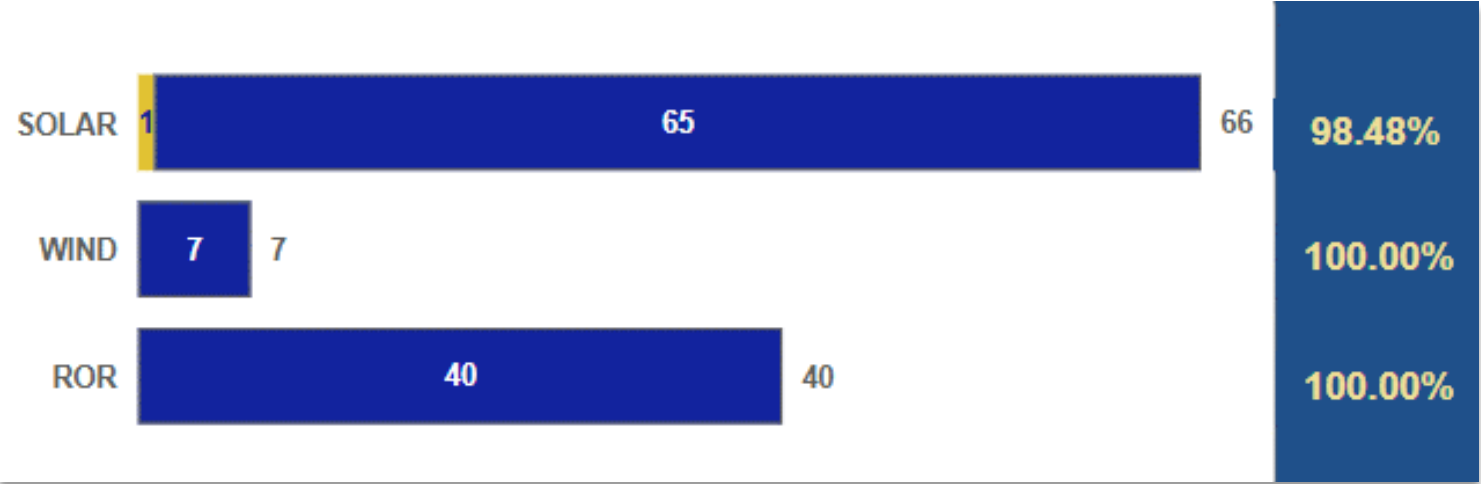
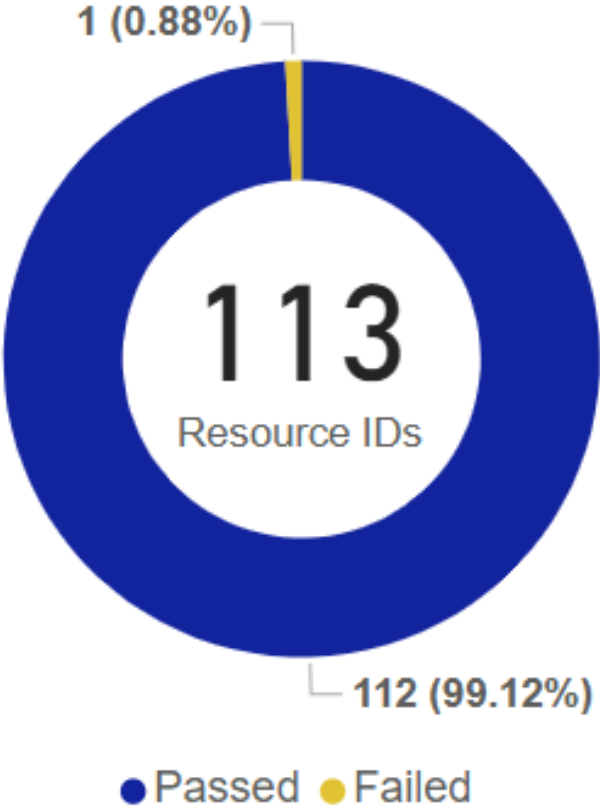
Out of **30,263** intervals requesting exclusion, **2,229** intervals were retained, and **28,028** intervals were excluded after the ECO's assessment. Meanwhile, 6 intervals were replaced due to confirmed data variance.

Out of the **19,984** intervals requesting replacement due to possible Data Variance, **14,913** intervals were replaced. **4,943** were retained and **33** were excluded

# JANUARY 2025 FINAL FAS REPORT (OVERALL PASSING RATE)

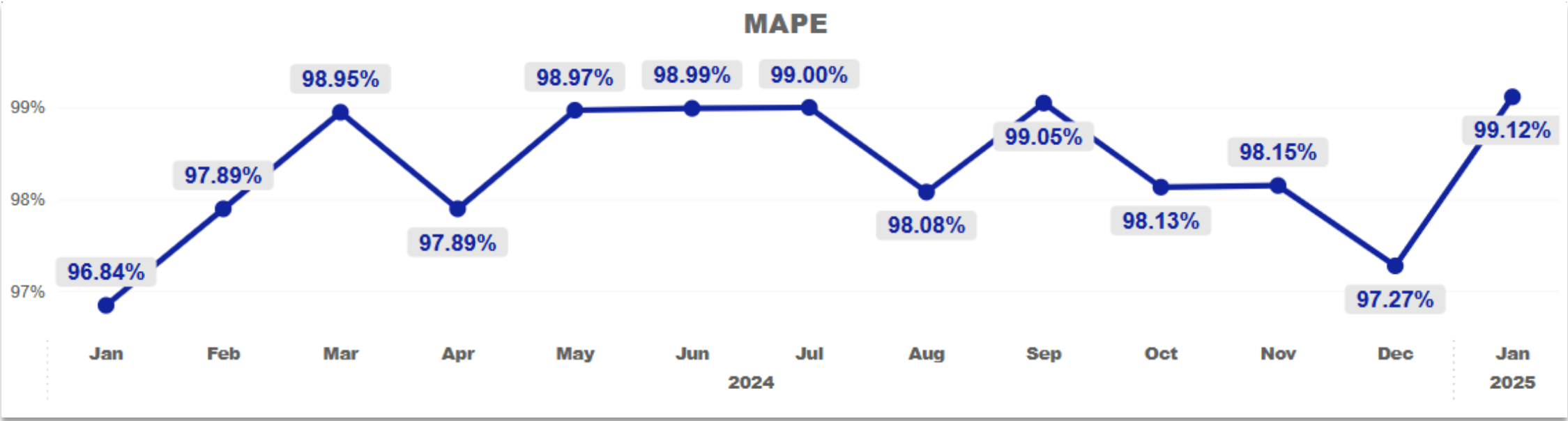


## MAPE PERFORMANCE



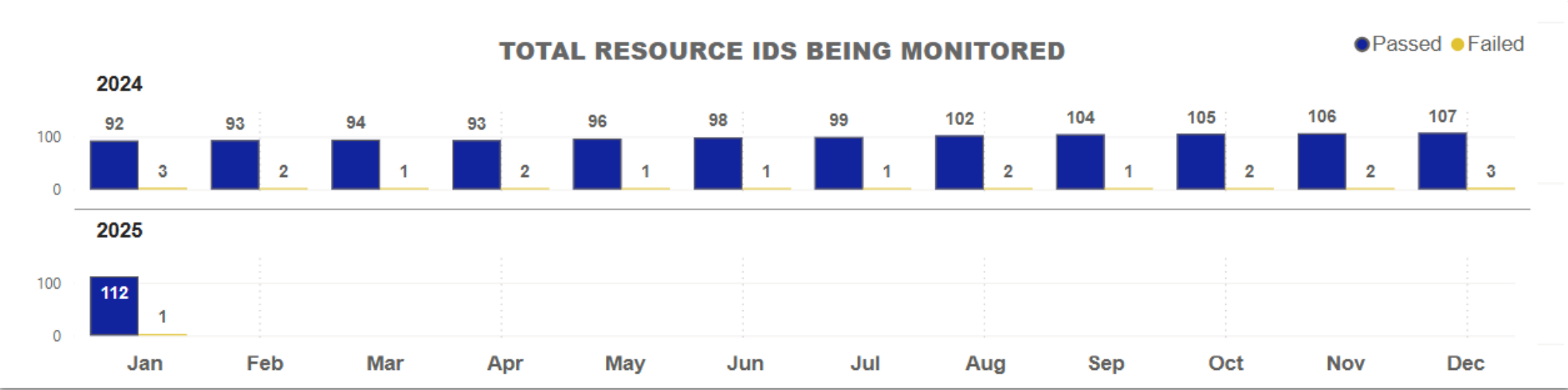
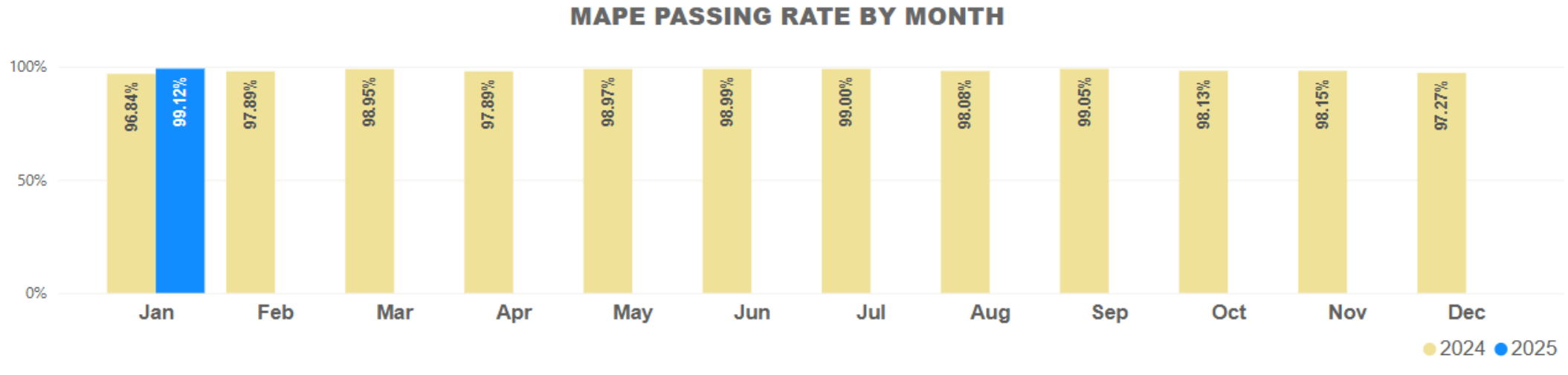
- Of the 113 monitored facilities, 112 met the MAPE standards, while 1 failed to meet the standard.
- 65 out of 66 Solar Power Plants, all 7 Wind Power Plants, and 40 out of 40 Run-of-River Power Plants passed the MAPE standards, as of the January 2025 billing period.

# MAPE PASSING RATE TREND AS OF JANUARY 2025



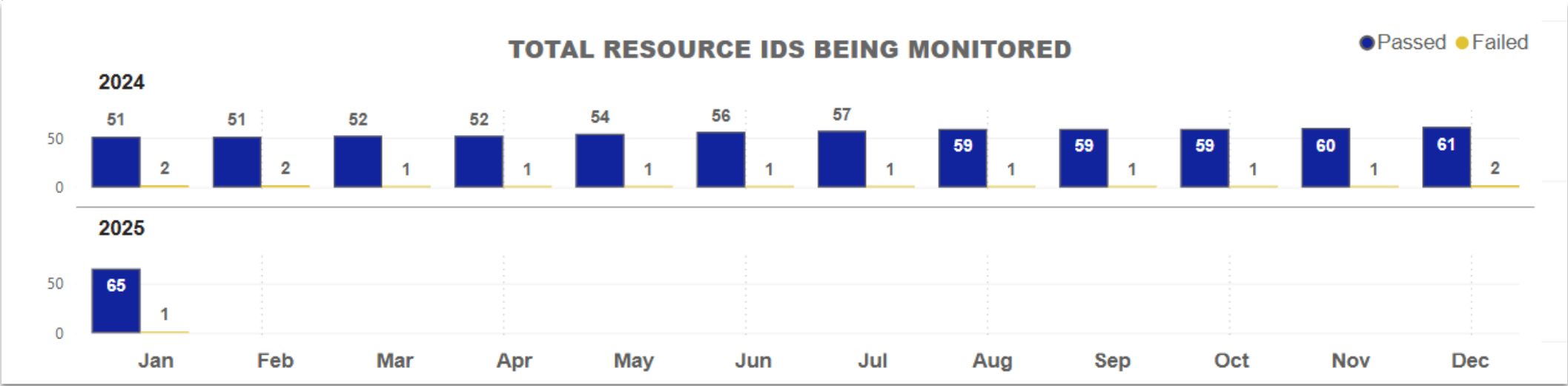
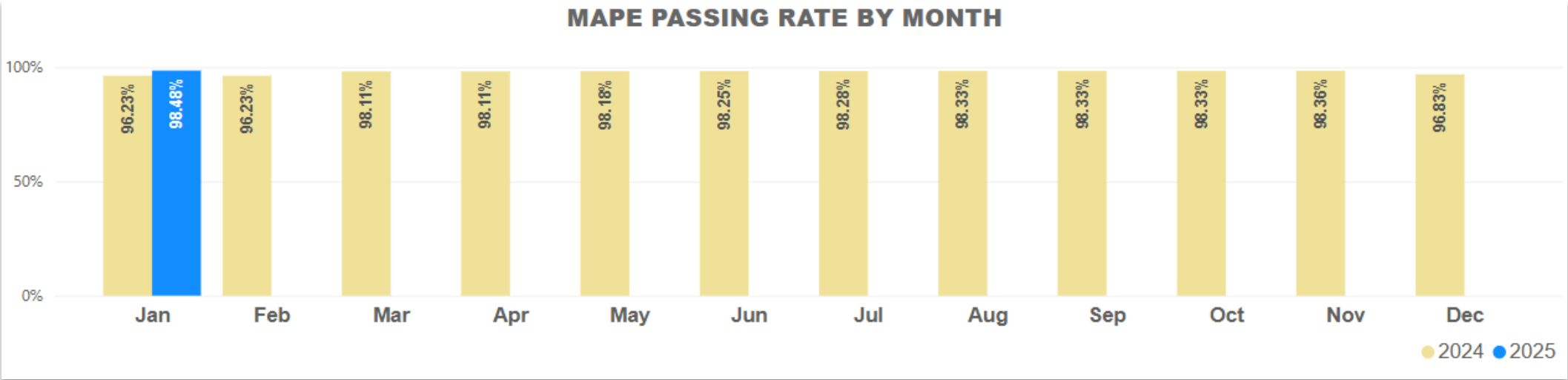
The increase in the MAPE passing rate in January 2025 is due to the decrease of facilities failing the MAPE standard and the increase of Resource IDs being monitored by ECO

# MAPE PASSING RATE AS OF JANUARY 2025 (OVERALL)



The overall passing rate for MAPE increased from 97.27% to 99.12%, as of January 2025 billing period.

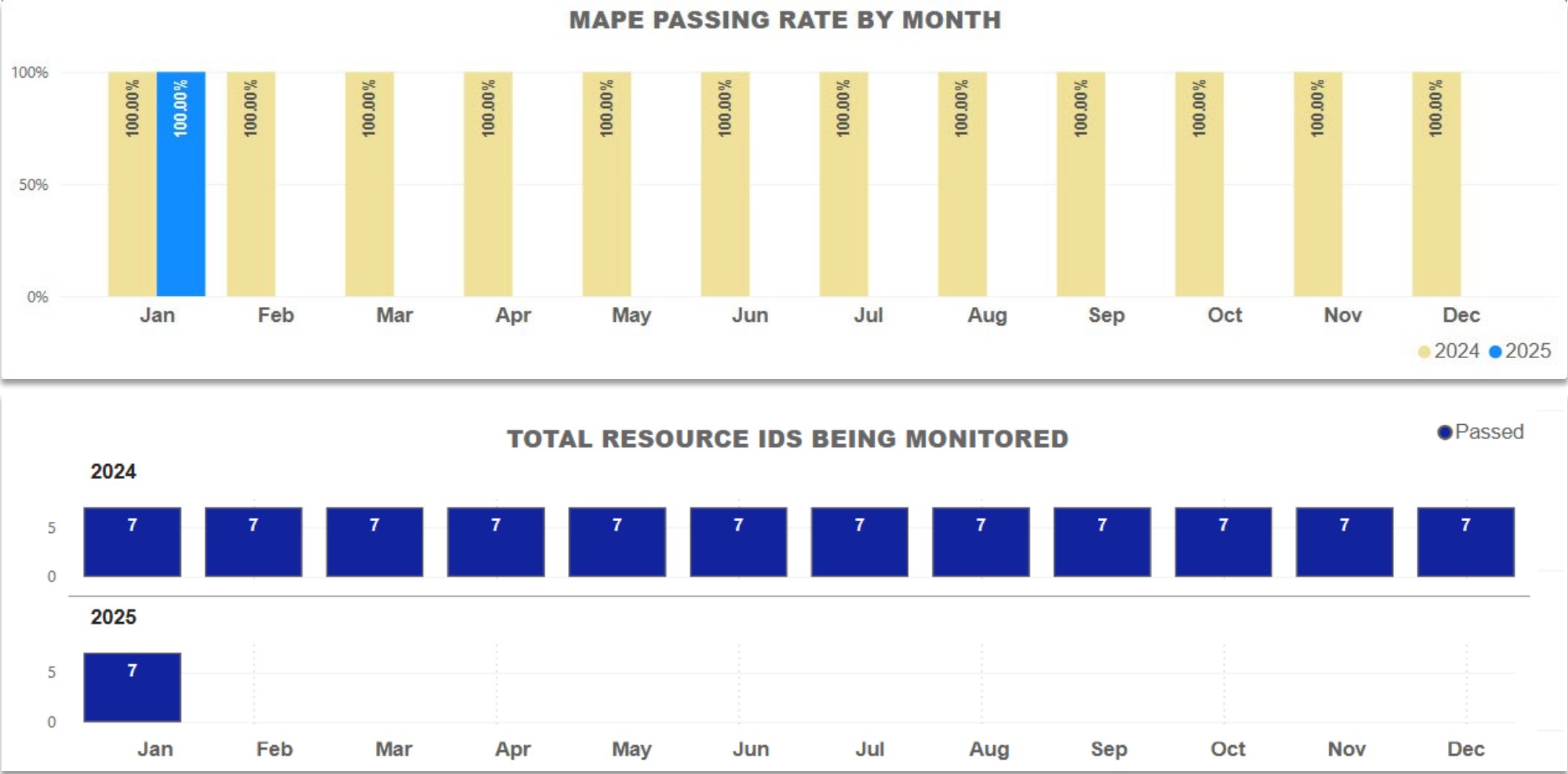
# MAPE PASSING RATE AS OF JANUARY 2025 (SOLAR)



The passing rate for Solar in January 2025 increased to 98.48% from 96.83% in the previous billing period.

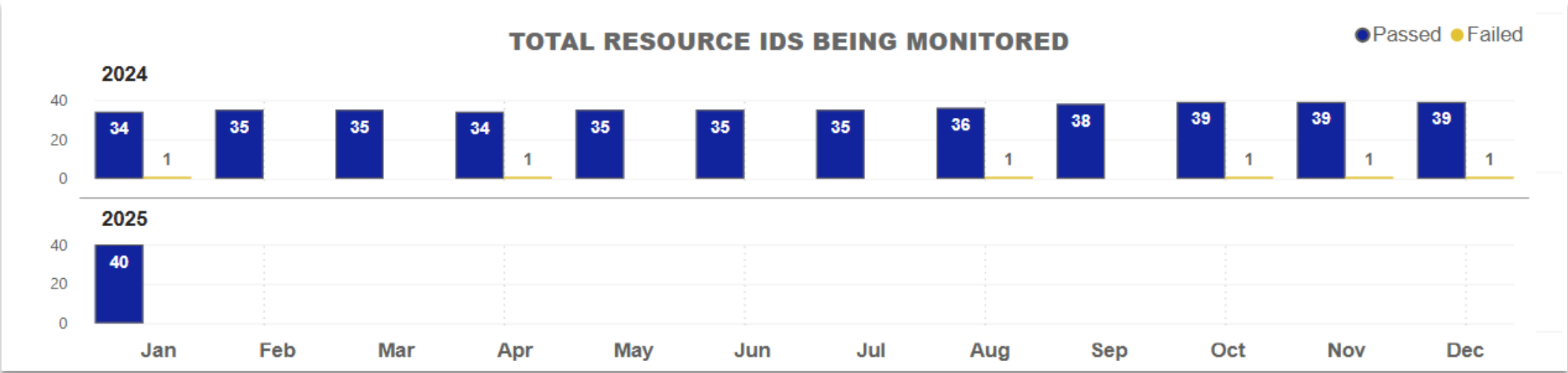
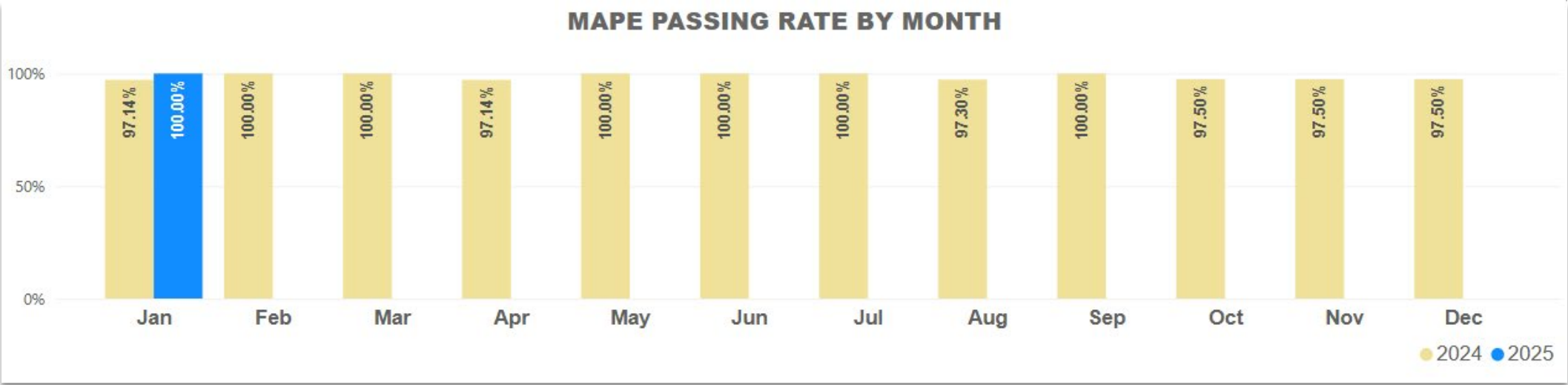


# MAPE PASSING RATE AS OF JANUARY 2025 (WIND)



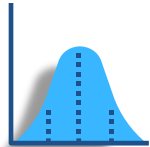
Wind facilities have maintained a 100% passing rate for MAPE since 2023.

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

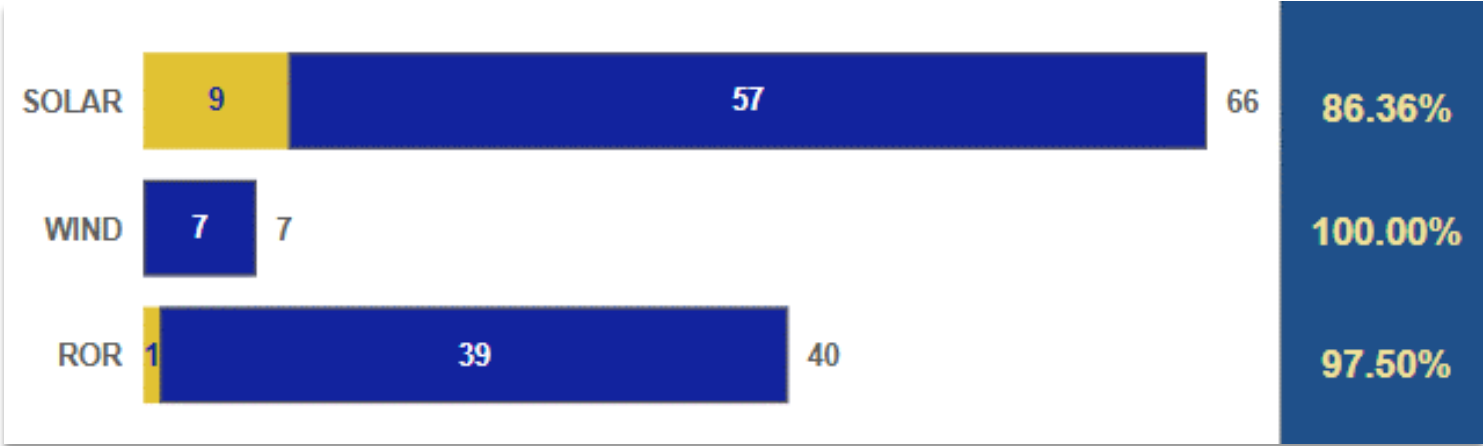
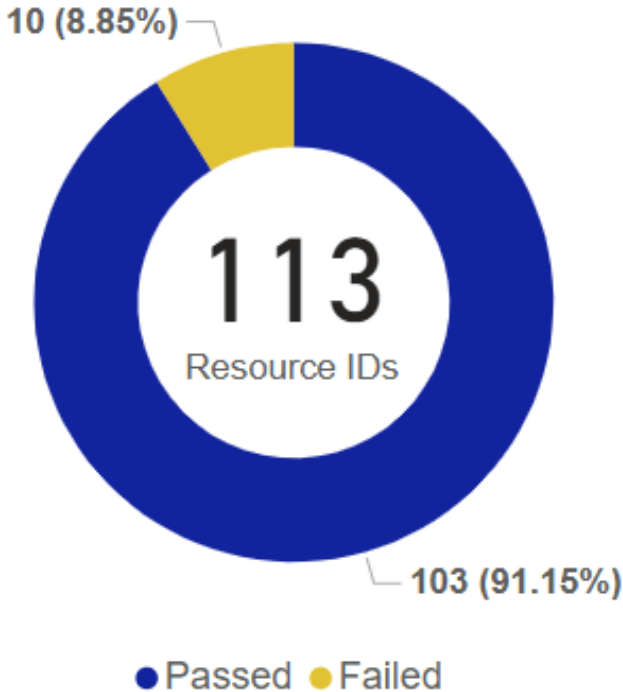


No ROR facilities failed the MAPE standard in January 2025.

# PERC95

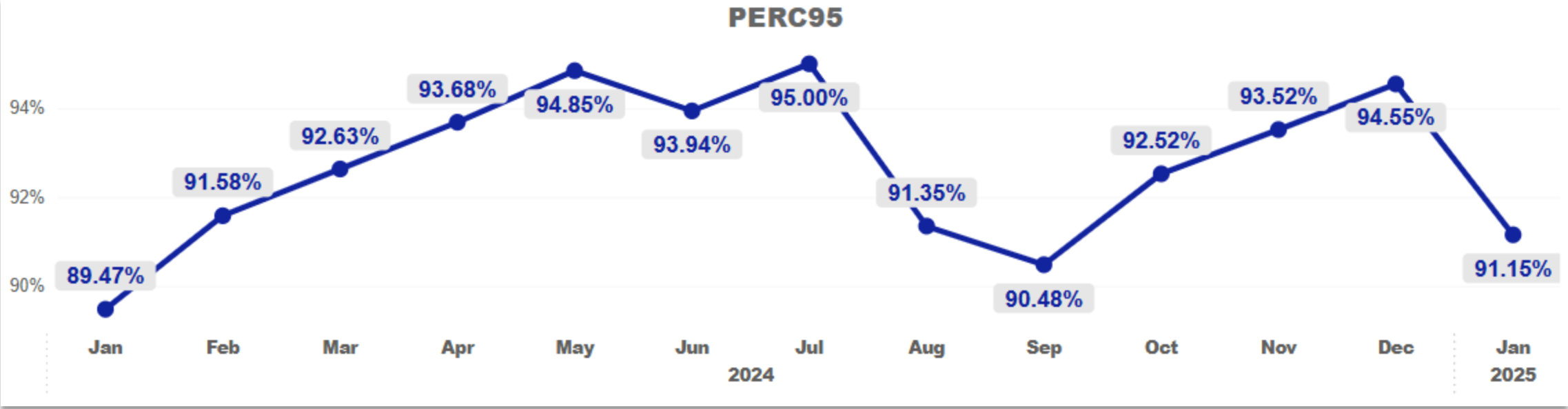


PERC95 PERFORMANCE



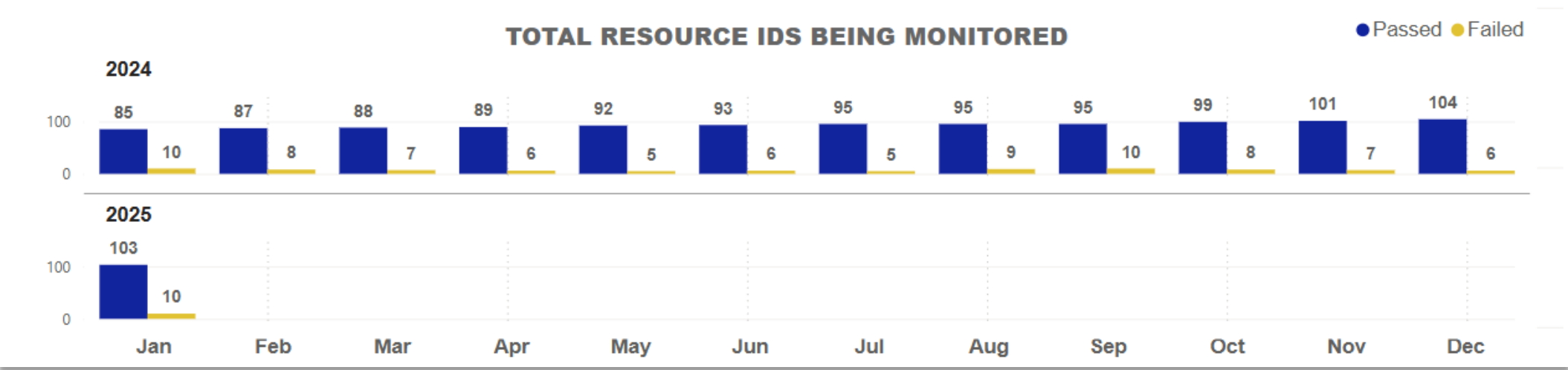
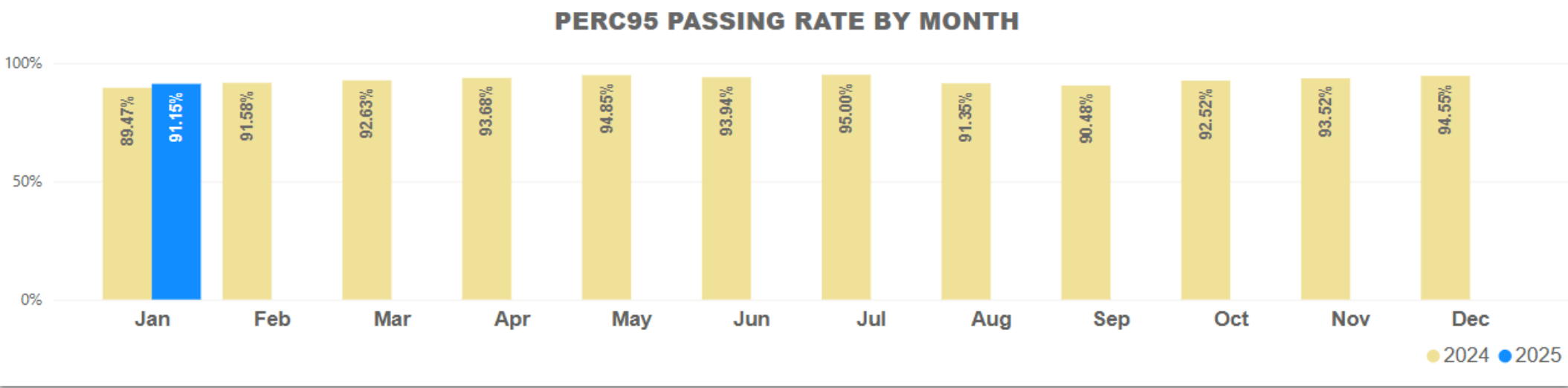
- Out of 113 monitored facilities, 103 (91.15%) performed within the PERC95 standards, while 10 facilities failed.
- 57 out of 66 Solar Power Plants, all 7 Wind Power Plants, and 39 out of 40 Run-of-River Power Plants passed the PERC95 standards.

# PERC95 PASSING RATE TREND AS OF JANUARY 2025



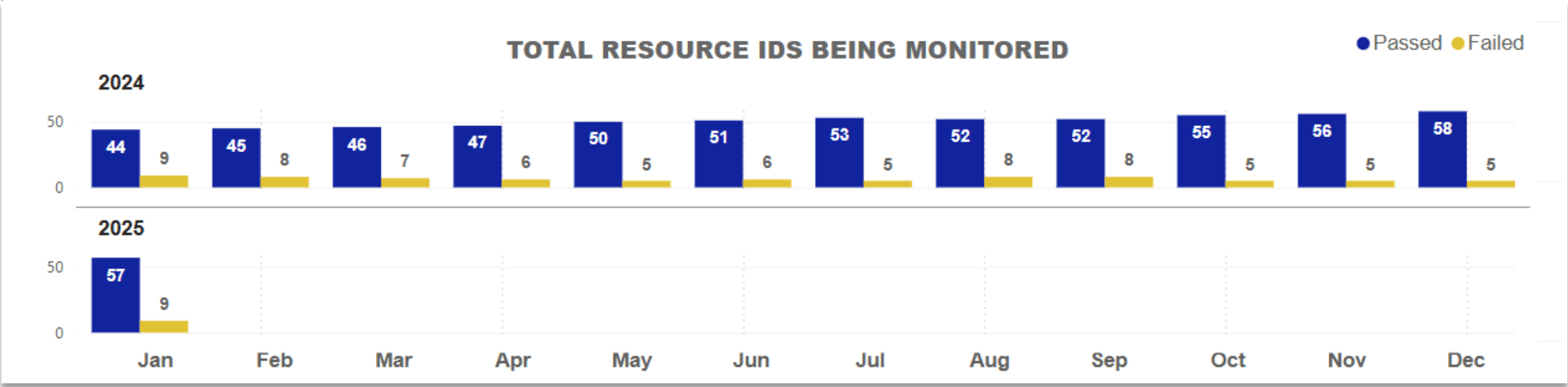
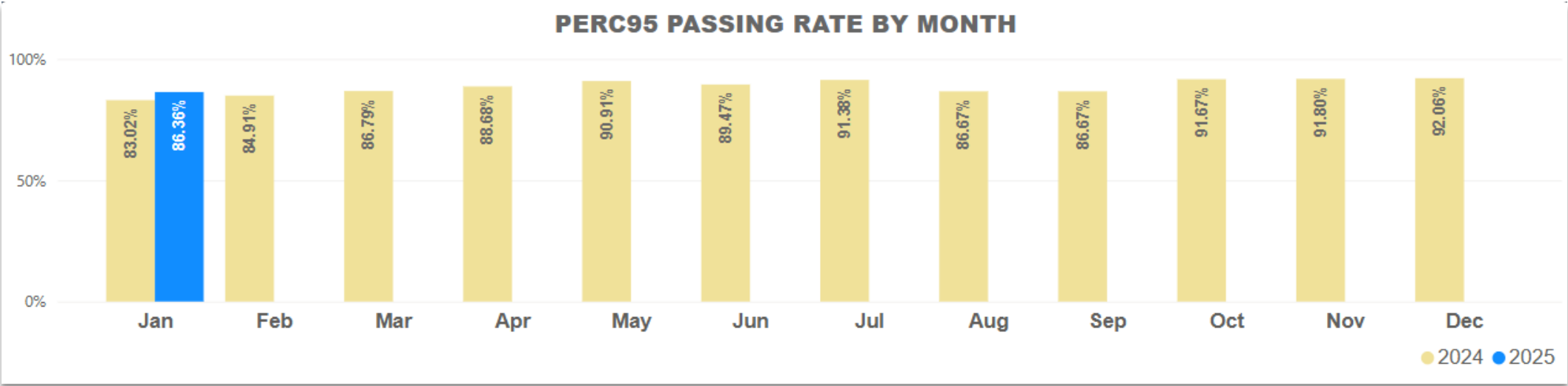
A decline in PERC95 passing rate was observed in January 2025 due to 10 facilities failing the PERC95 standard.

# PERC95 PASSING RATE AS OF JANUARY 2025 (OVERALL)



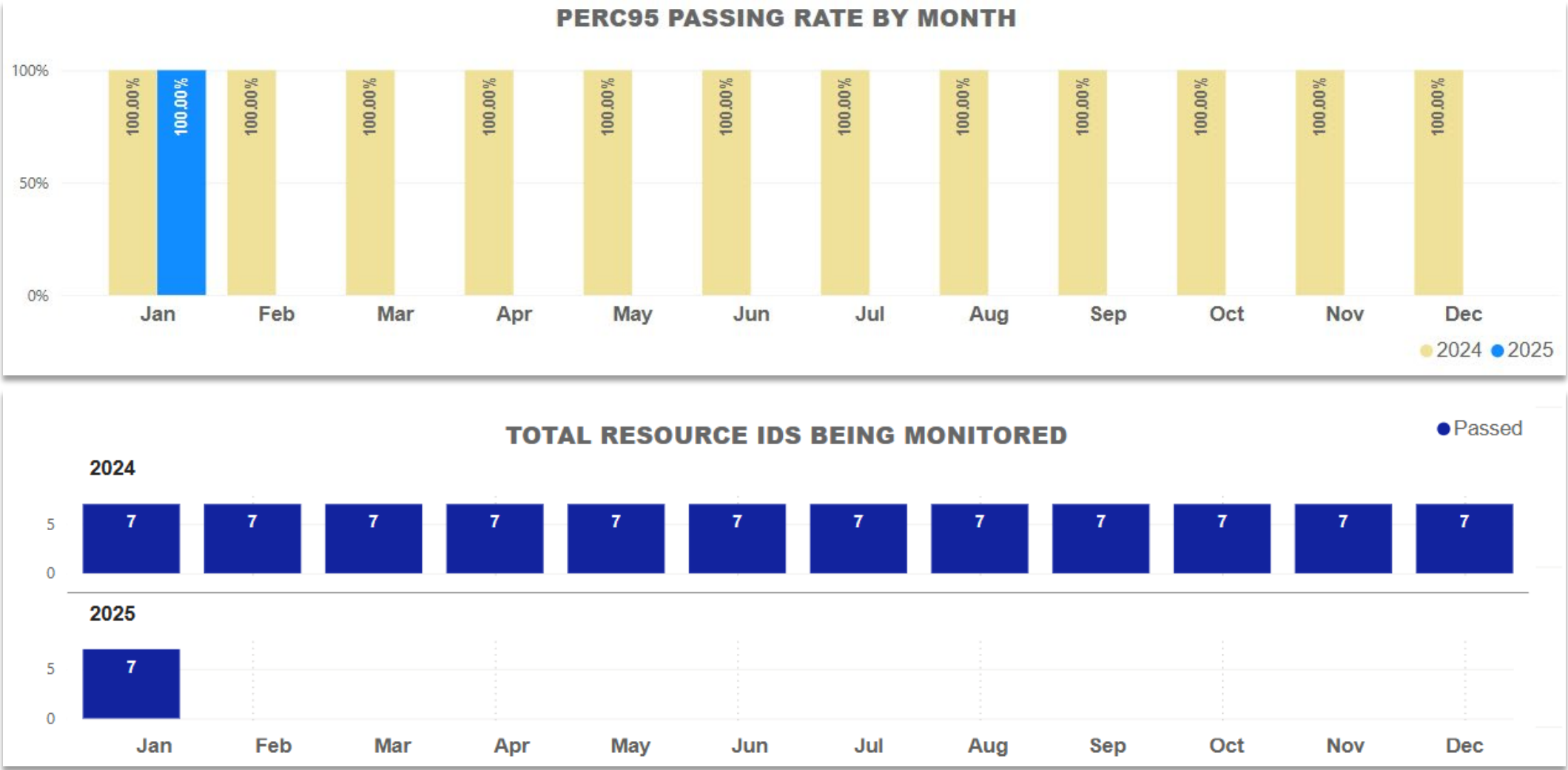
The overall passing rate for PERC95 decreased to 91.15% from 94.55% in the previous billing period.

# PERC95 PASSING RATE AS OF JANUARY 2025 (SOLAR)



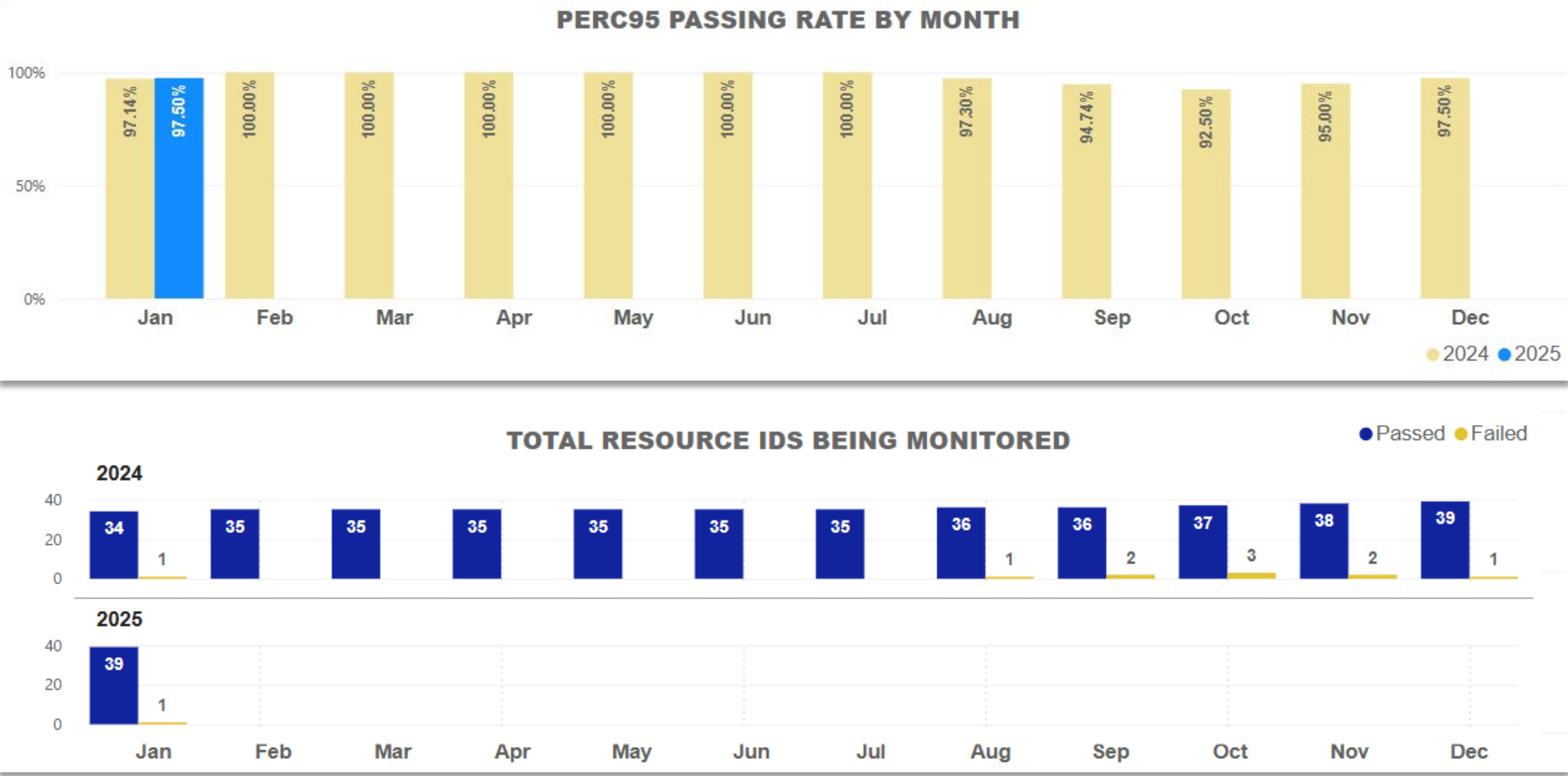
The PERC95 passing rate for Solar facilities decreased from 92.06% to 86.36% due to the increase in number of failing facilities

# PERC95 PASSING RATE AS OF JANUARY 2025 (WIND)



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

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

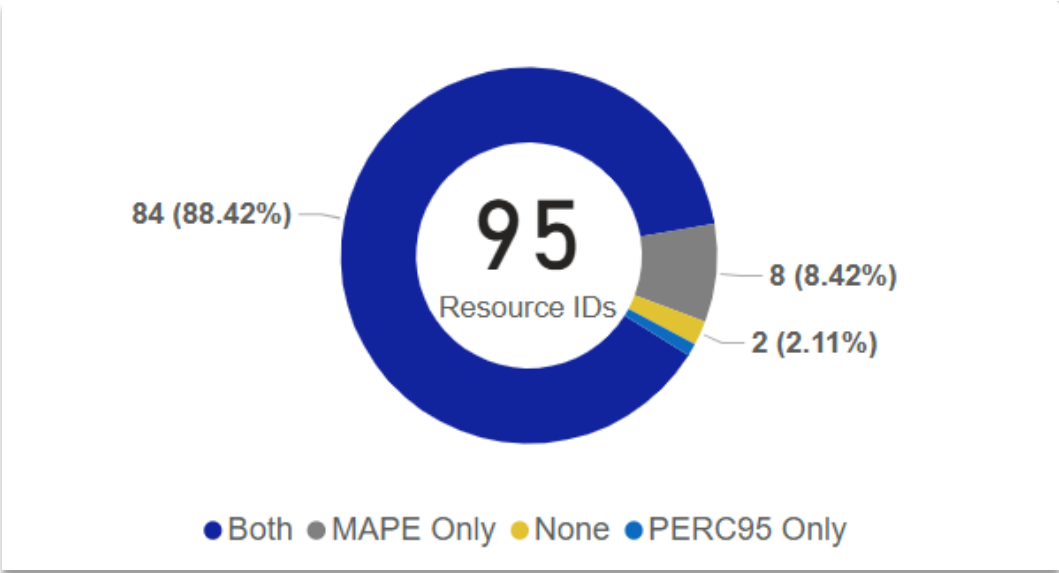
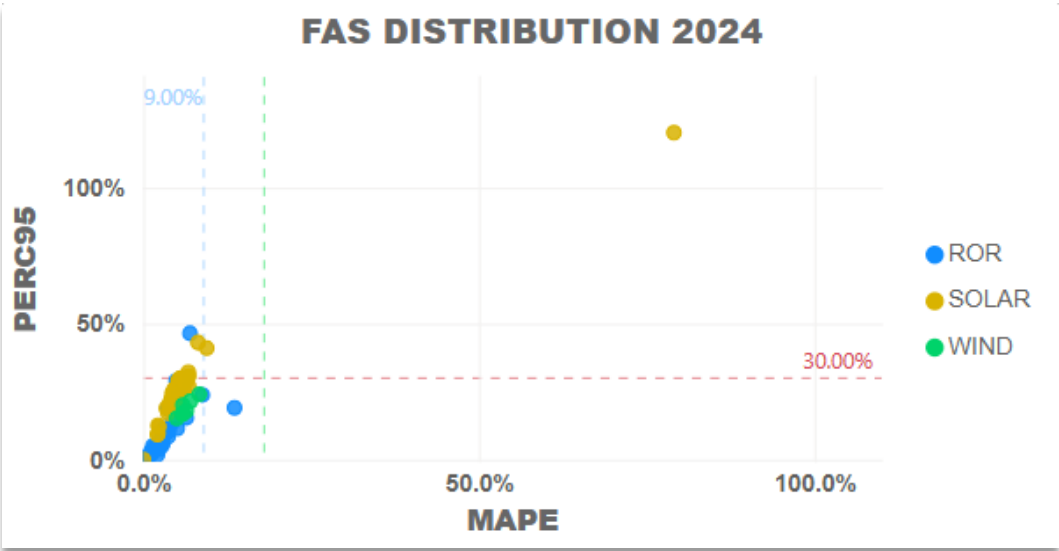


The PERC95 passing rate for Run-of-River facilities stays at 97.50% in January 2025 as compared to December 2024

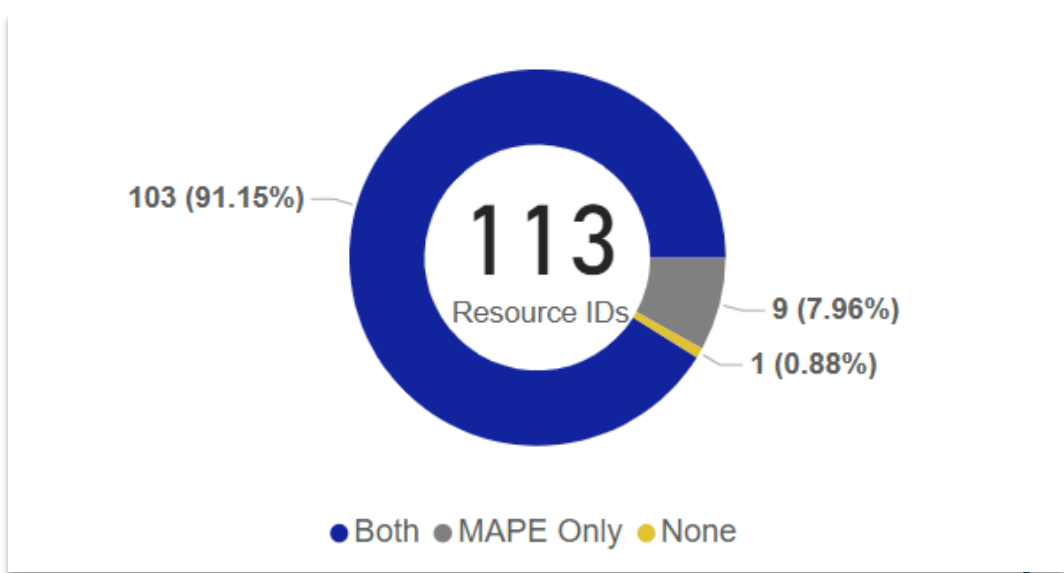
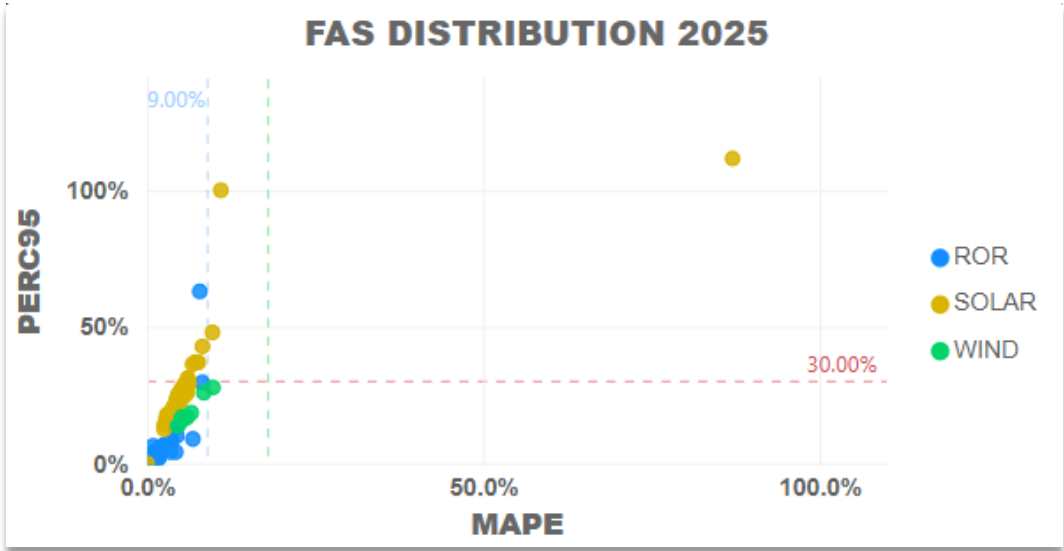


# MAPE AND PERC95 DISTRIBUTIONS

January 2024



January 2025



# REQUESTED ACTION

## FOR INFORMATION

# Connect with **PEMC**



[pemc.info@wesm.ph](mailto:pemc.info@wesm.ph)



+63 2 8631 8734



18F Robinsons Equitable Tower, ADB Avenue  
Ortigas Center, Pasig City 1600, Philippines



[pemcinfo](#)



[pemcinfo](#)



[PEMC\\_Info](#)



[PEMC Info](#)