



Philippine Electricity  
Market Corporation

# MONTHLY FORECAST ACCURACY STANDARDS RESULT

October 2024 FAS Result

15 January 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	20	3	16	39
Solar	43	11	5	59
Wind	6	2	0	8
<b>Total</b>	<b>69</b>	<b>16</b>	<b>21</b>	<b>106</b>

- As of November 2024, there are **120** facilities registered as MDGU in the WESM.
- From the registered facilities, **106** facilities from Luzon, Visayas, and Mindanao regions are being monitored, and **14** facilities are under test and commissioning and.

# TOTAL INTERVALS WITH REQUESTED ACTION & ECO ASSESSMENT – 2024

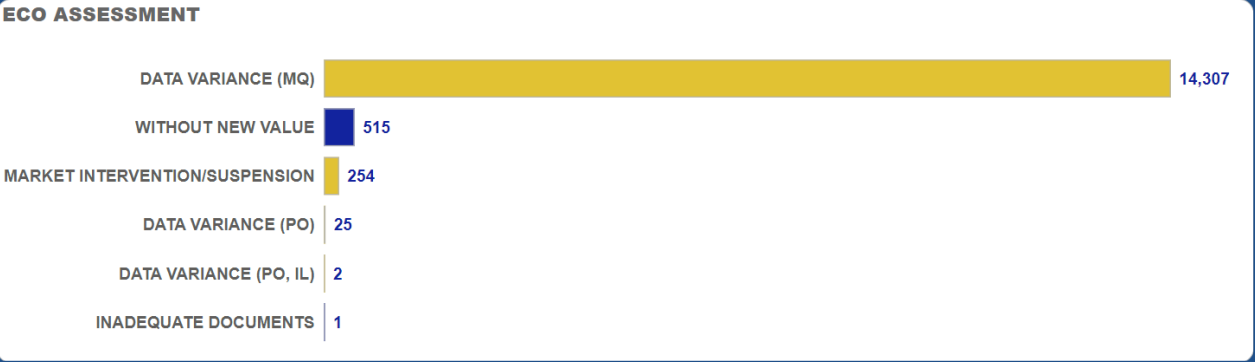
Requested Actions by the Billing Month



ECO Assessment by Billing Month



## Replace



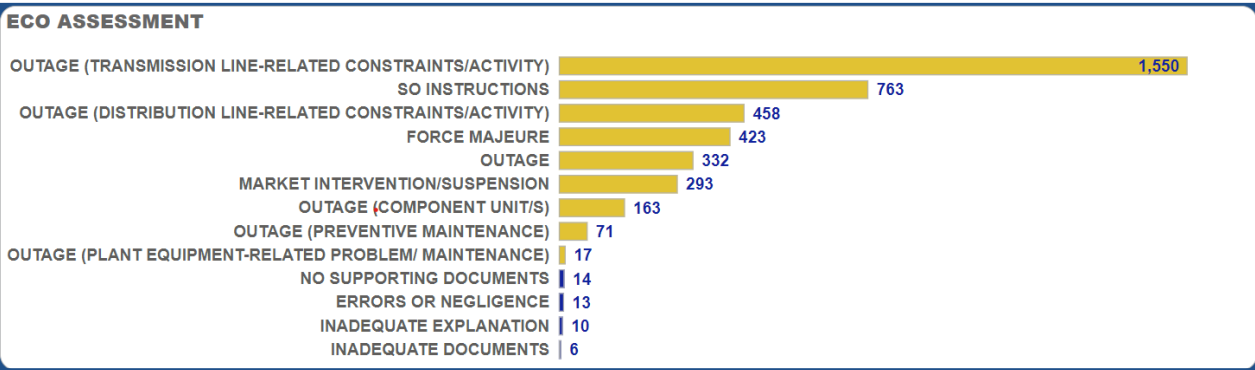
• ECO received **15,104** intervals requesting replacement due to possible Data Variance and **4,113** intervals requesting exclusion. The total intervals with requested action is **19,217**.

• Out of **4,113** intervals requesting exclusion, **43** intervals were retained as a result of ECO's assessment.

• ECO accepted **4070** intervals (**98.95%** of the total intervals for exclusion).

• Out of **15,104** intervals requesting data replacement, **14,588** intervals were confirmed to be Data Variance (**96.58%** of the intervals for replacement).

## Exclude



# TOTAL INTERVALS WITH REQUESTED ACTION & ECO ASSESSMENT – OCTOBER 2024

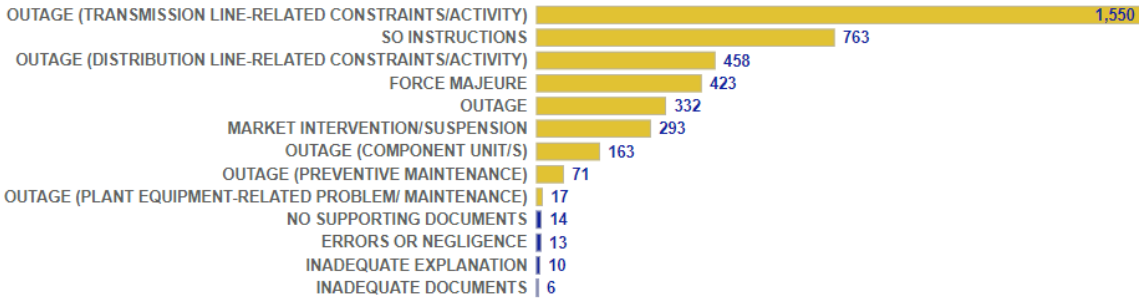
## Requested Actions by the Billing Month



- ECO received **4,113** intervals requesting exclusion, and **15,104** intervals requesting replacement due to possible Data Variance. The total intervals with requested action is **19,217**.
- Out of **4,113** intervals requesting exclusion, **43** intervals were retained as a result of ECO's assessment.
- ECO accepted **4070** intervals (**98.95%** of the total intervals for exclusion).
- Out of **15,104** intervals requesting data replacement, **14,588** intervals were confirmed to be Data Variance (**96.58%** of the intervals for replacement).

## FORECAST ACCURACY STANDARDS MONITORING

### ECO ASSESSMENT



**4,113**

Number of Intervals

## FORECAST ACCURACY STANDARDS MONITORING

### ECO ASSESSMENT



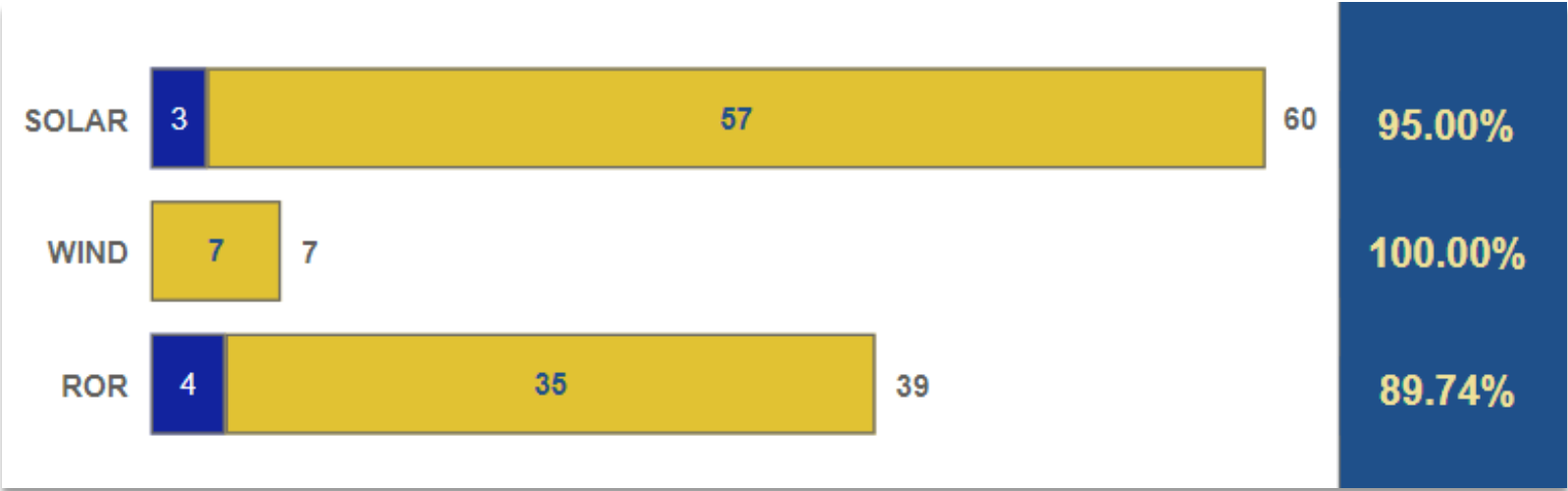
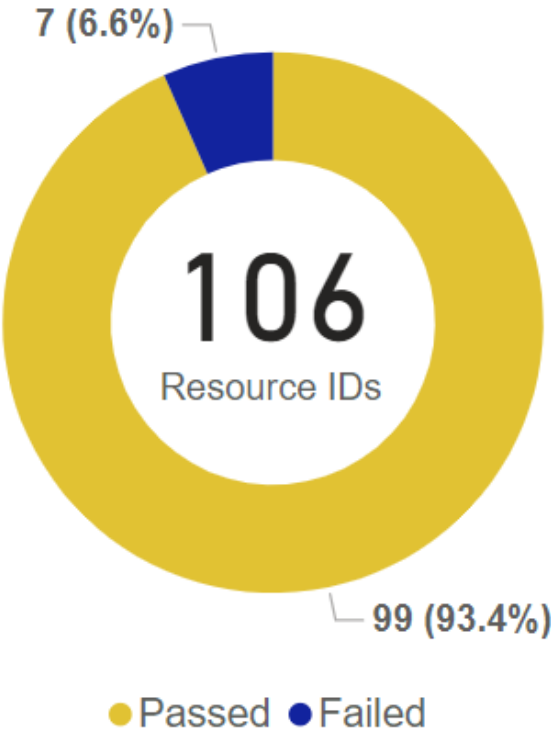
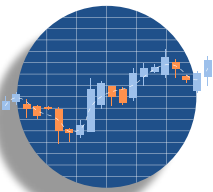
**15,104**

Number of Intervals



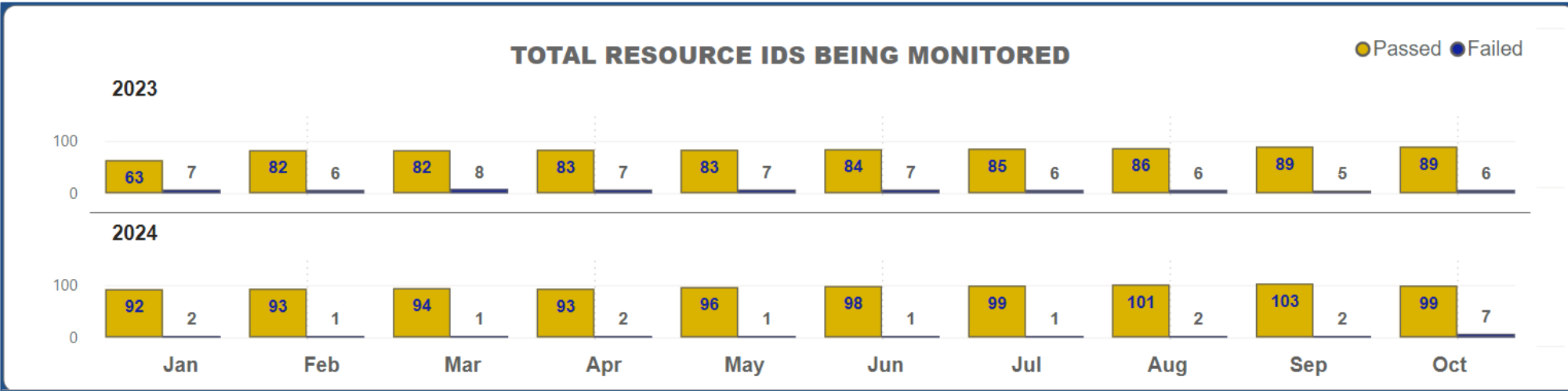
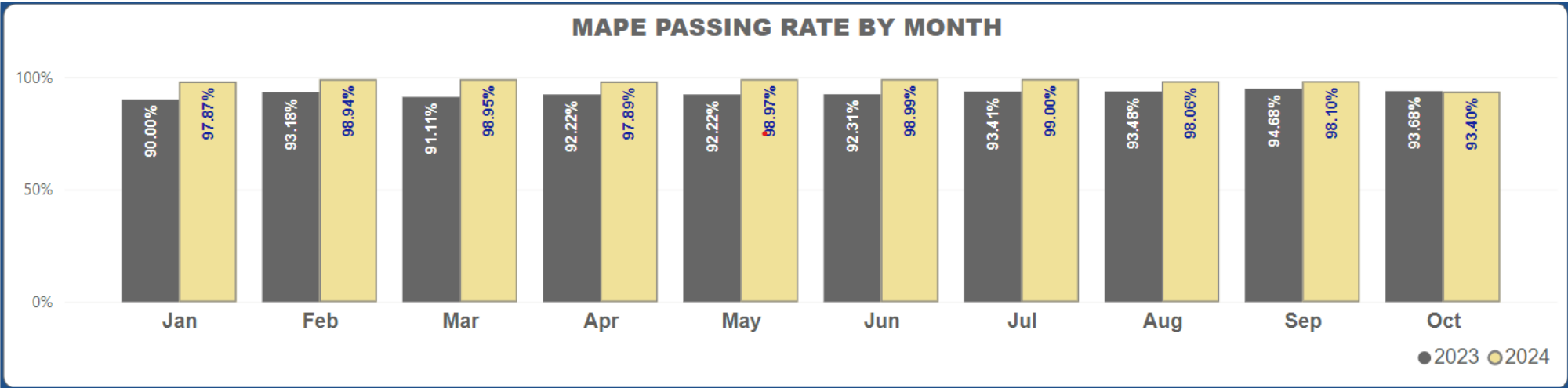
# OCTOBER 2024 FINAL FAS REPORT (OVERALL PASSING RATE)

MAPE



- Out of the 106 facilities being monitored, 99 performed within the MAPE standards, 7 failed to meet the standards.
- 57 out of 60 Solar Power Plants, 7 out of 7 Wind Power Plants, and 35 out of 39 Run-of-River (ROR-Hydro) Power Plants passed the MAPE standards.

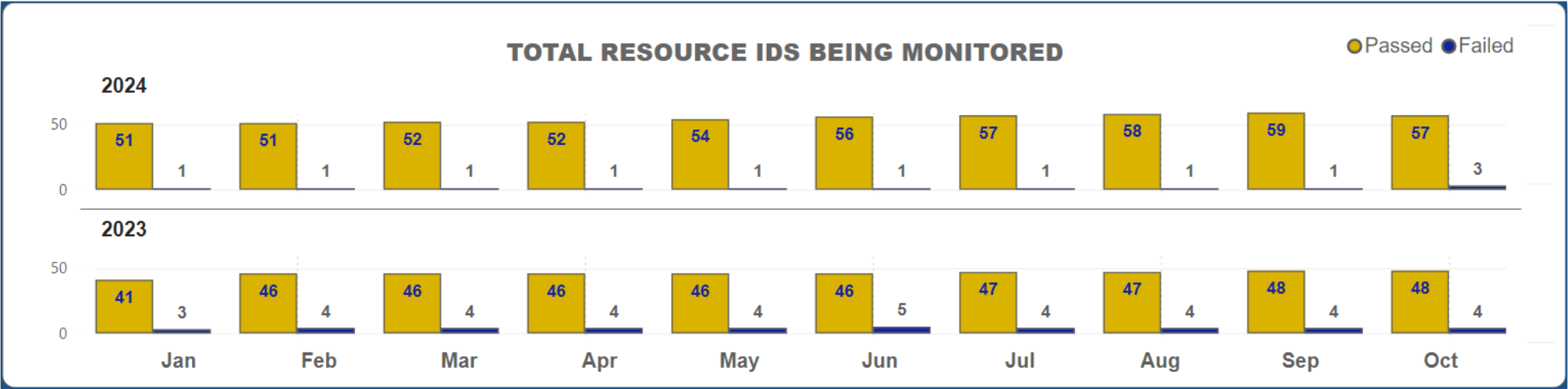
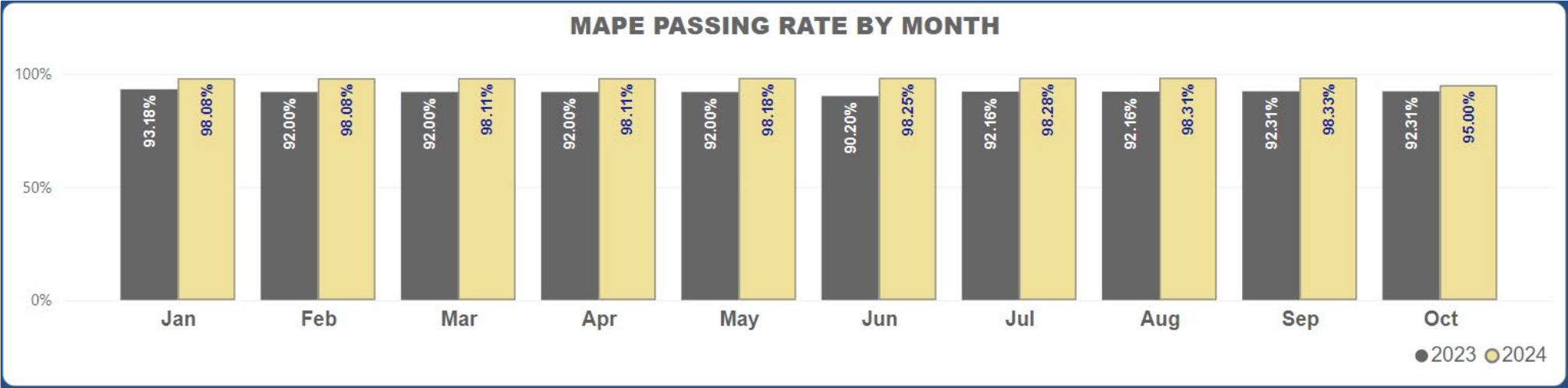
# MAPE PASSING RATE AS OF OCTOBER 2024 (OVERALL)



- Overall passing rate for MAPE decrease from 98.10% to 93.40% for October billing period.

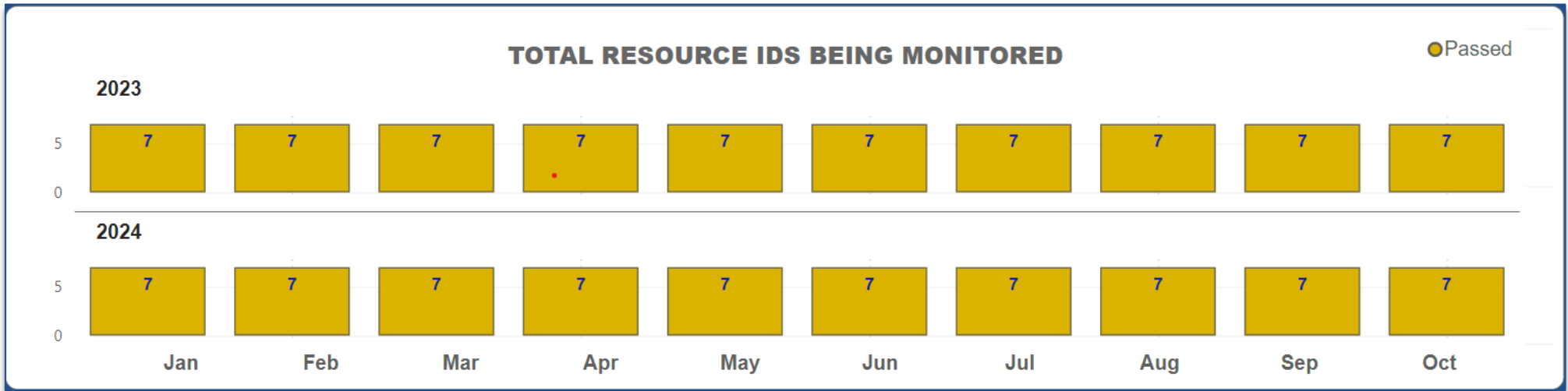
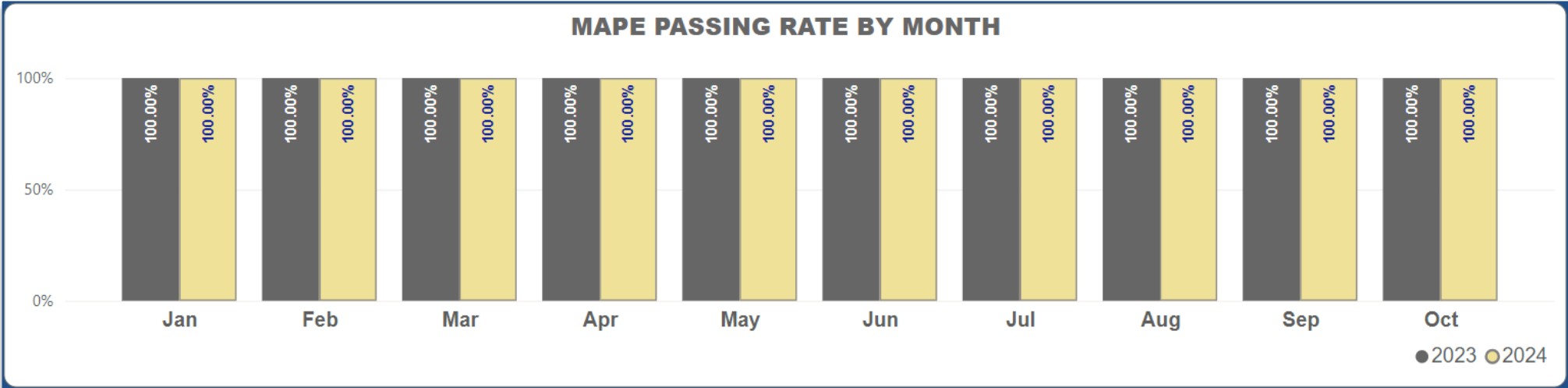


# MAPE PASSING RATE AS OF OCTOBER 2024 (SOLAR)



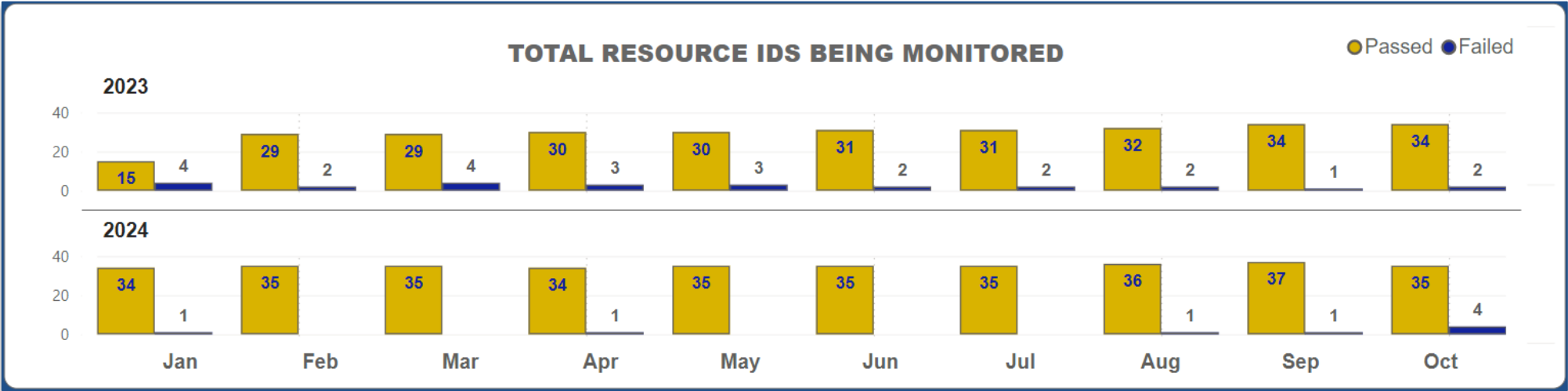
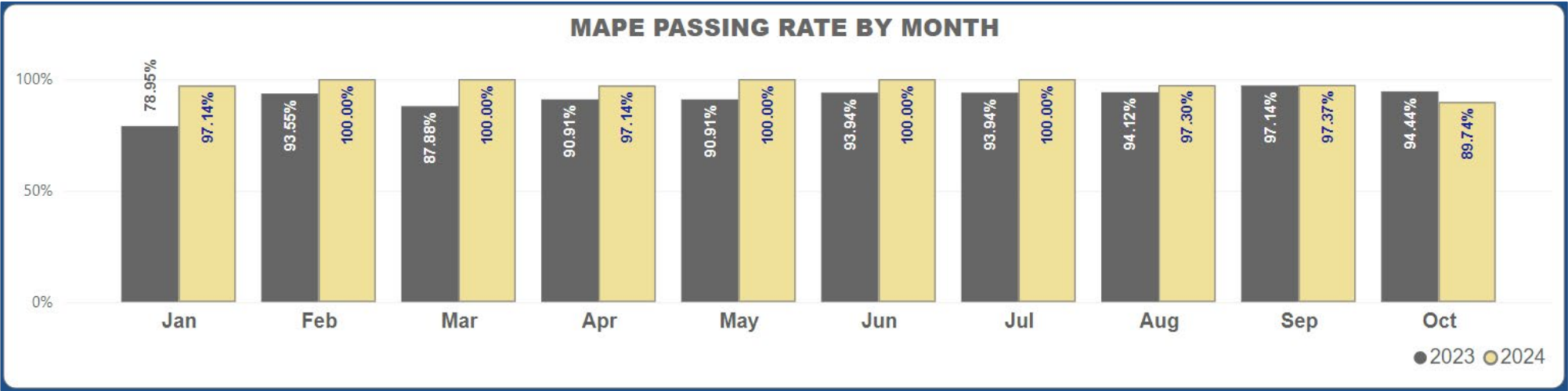
- The October 2024 passing rate for solar Decreased to 95% from last billing period's 98.33%, however it is consistently better than the 2023 passing rates.

# MAPE PASSING RATE AS OF OCTOBER 2024 (WIND)



- Wind facilities showed perfect performance since 2023.

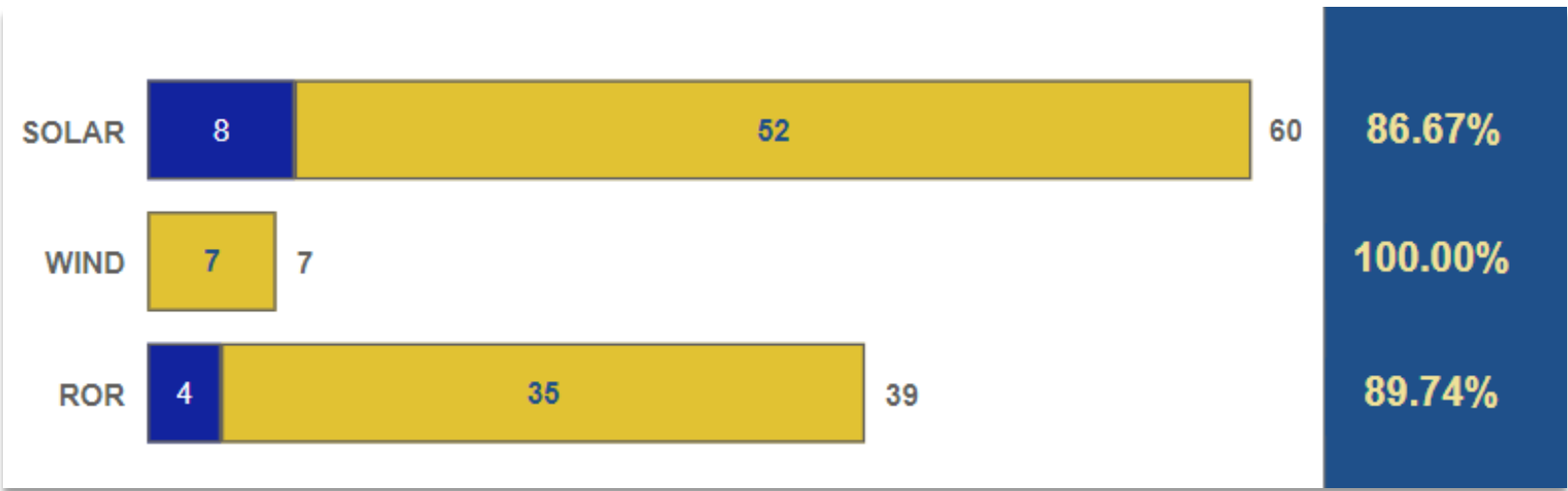
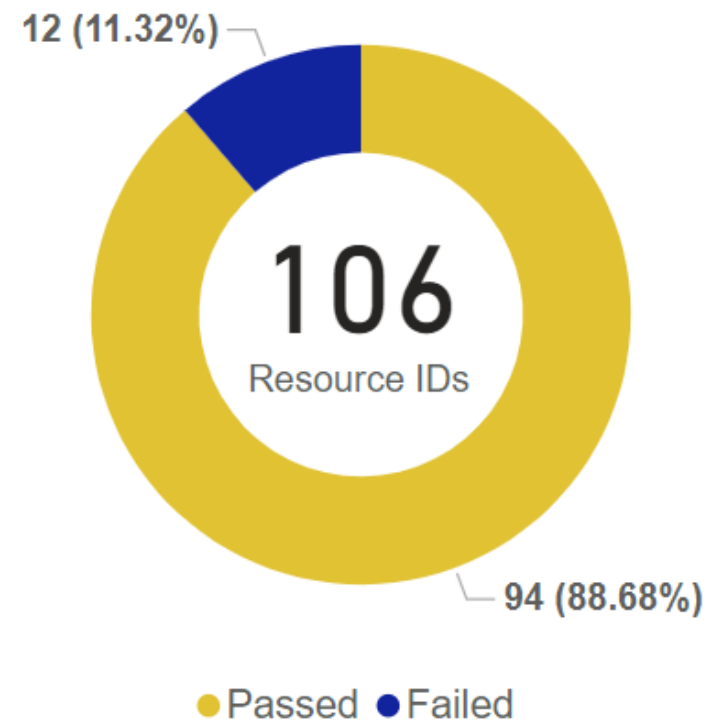
# MAPE PASSING RATE AS OF OCTOBER 2024 (RUN-OF-RIVER)



- Run-of-River Hydro for MAPE showed perfect performance for most of the covered billing periods but showed a decrease in the October billing period.

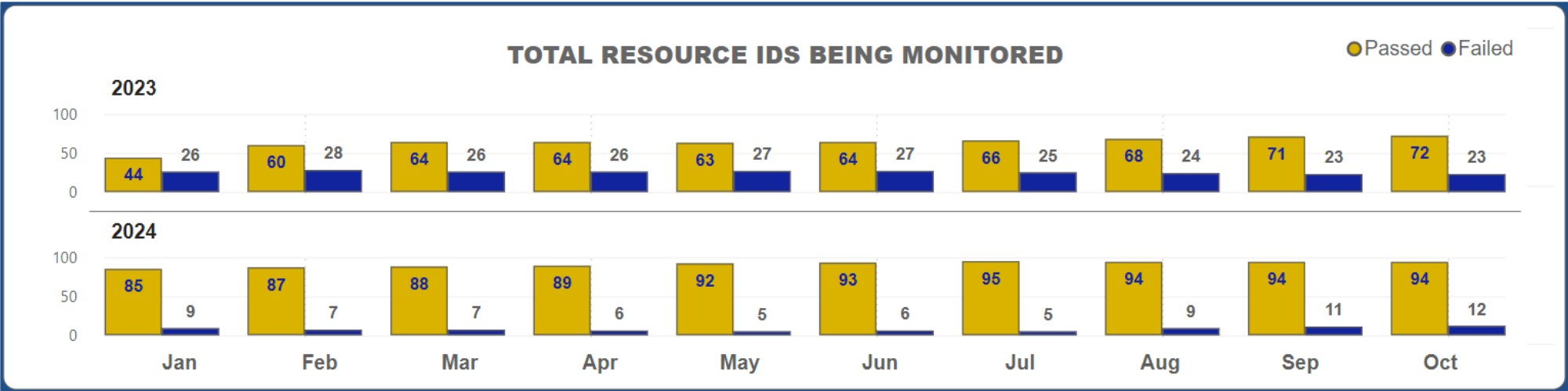
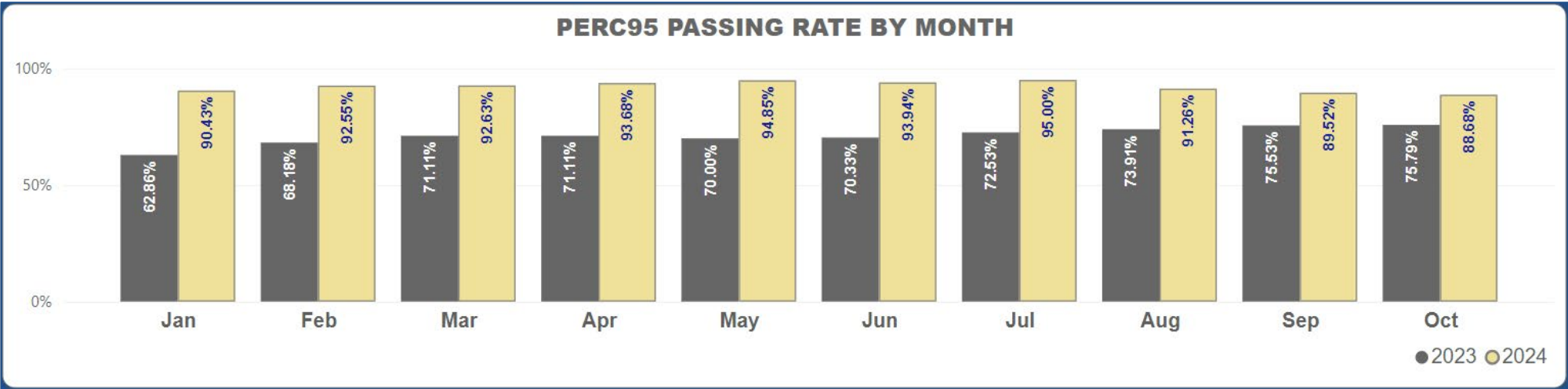
# OCTOBER 2024 FINAL FAS REPORT (OVERALL PASSING RATE)

## PERC95



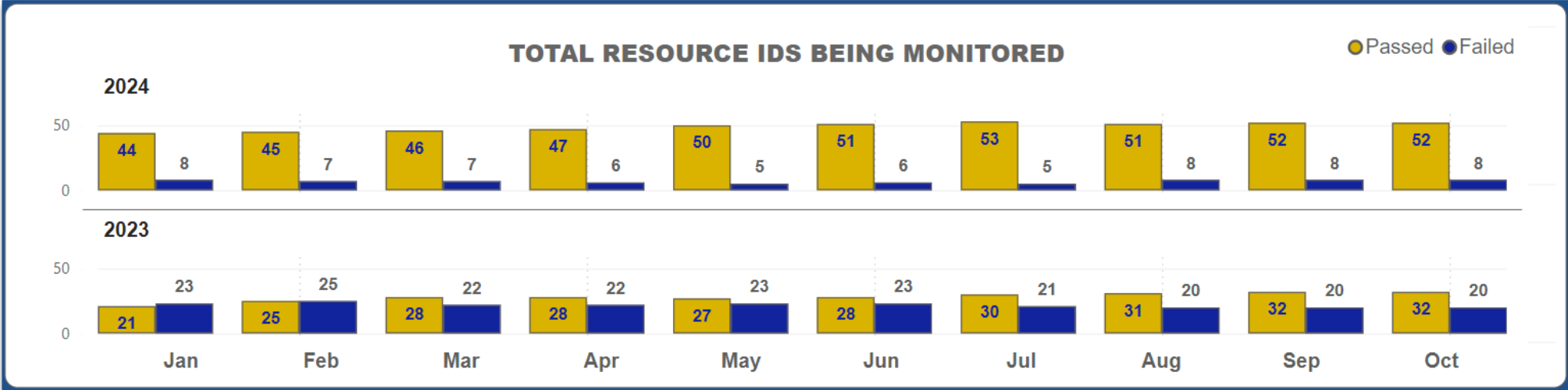
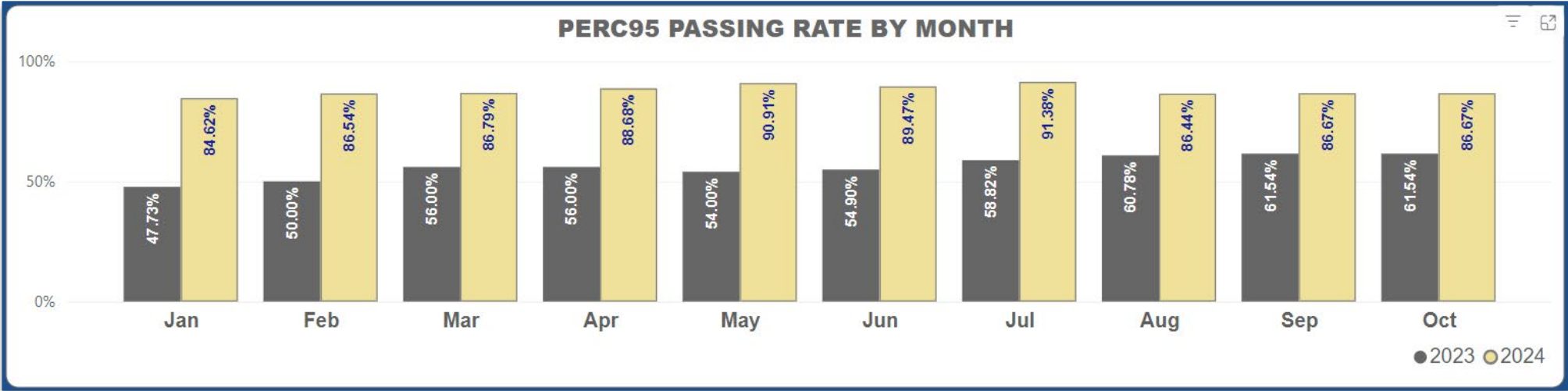
- 94 out of 106 facilities being monitored performed within the PERC95 standards, while 12 failed.
- 52 out of 60 Solar Power Plants, 7 out of 7 Wind Power Plants, and 35 out of 39 Run-of-River (ROR-Hydro) Power Plants passed the PERC95 standards.

# PERC95 PASSING RATE AS OF OCTOBER 2024 (OVERALL)



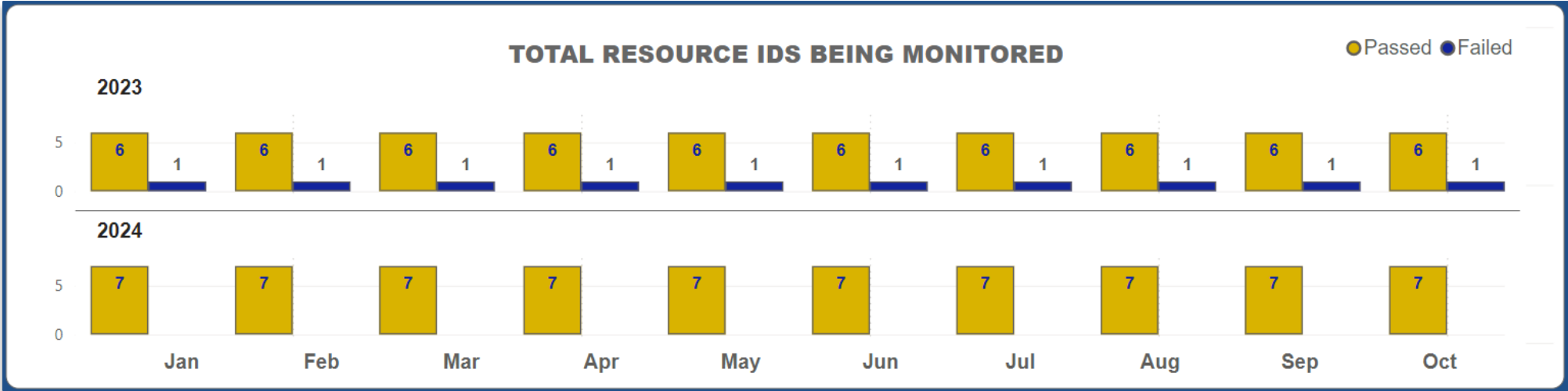
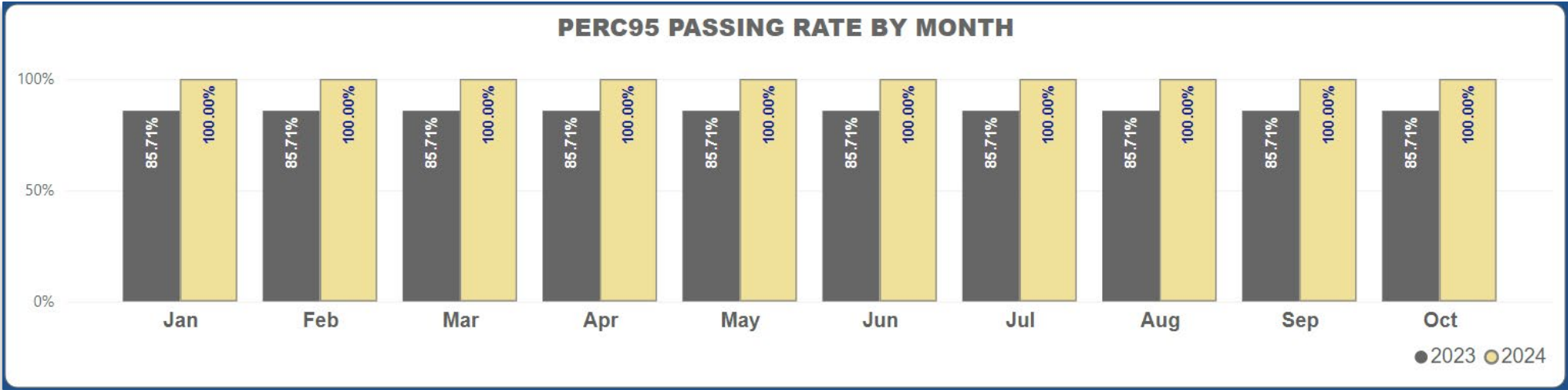
- Overall passing rate for PERC95 decreased to 88.68% from previous billing period, but still better compared to last year

# PERC95 PASSING RATE AS OF OCTOBER 2024 (SOLAR)



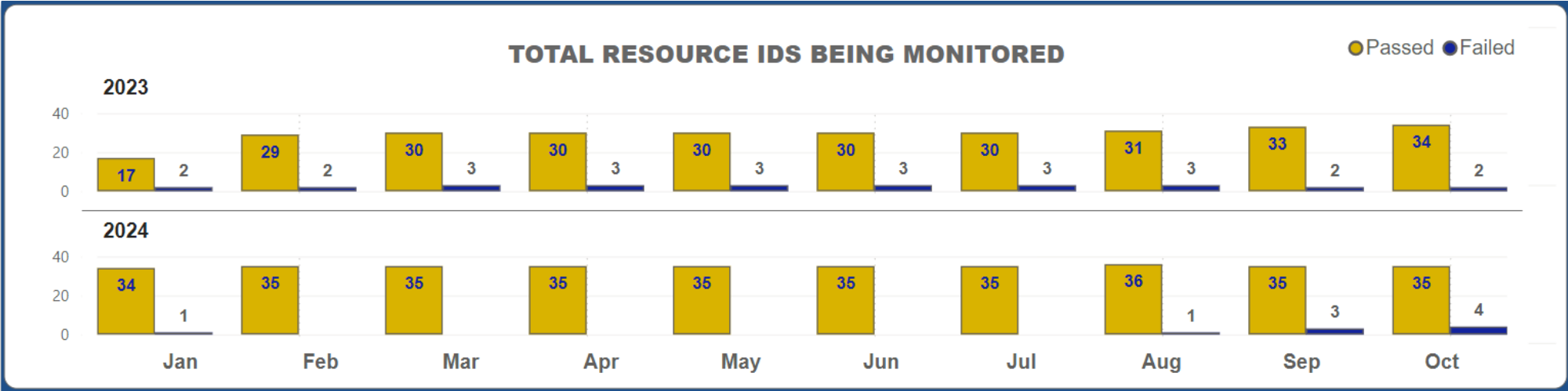
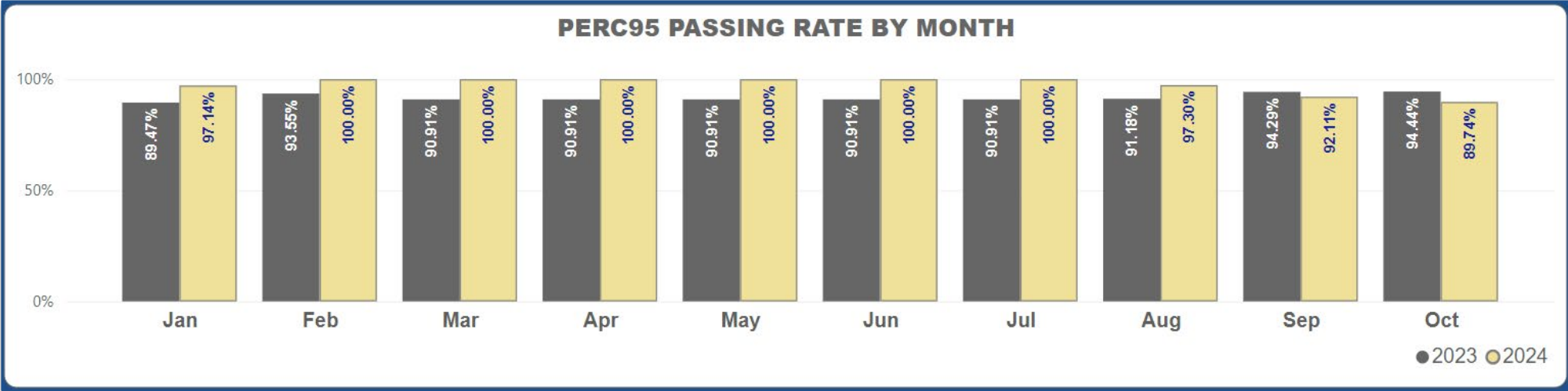
- PERC95 passing rate for solar increased in October 2024

# PERC95 PASSING RATE AS OF OCTOBER 2024 (WIND)



- Similar to MAPE performance, the Wind facilities showed a perfect performance in PERC95.

# PERC95 PASSING RATE AS OF OCTOBER 2024 (RUN-OF-RIVER)

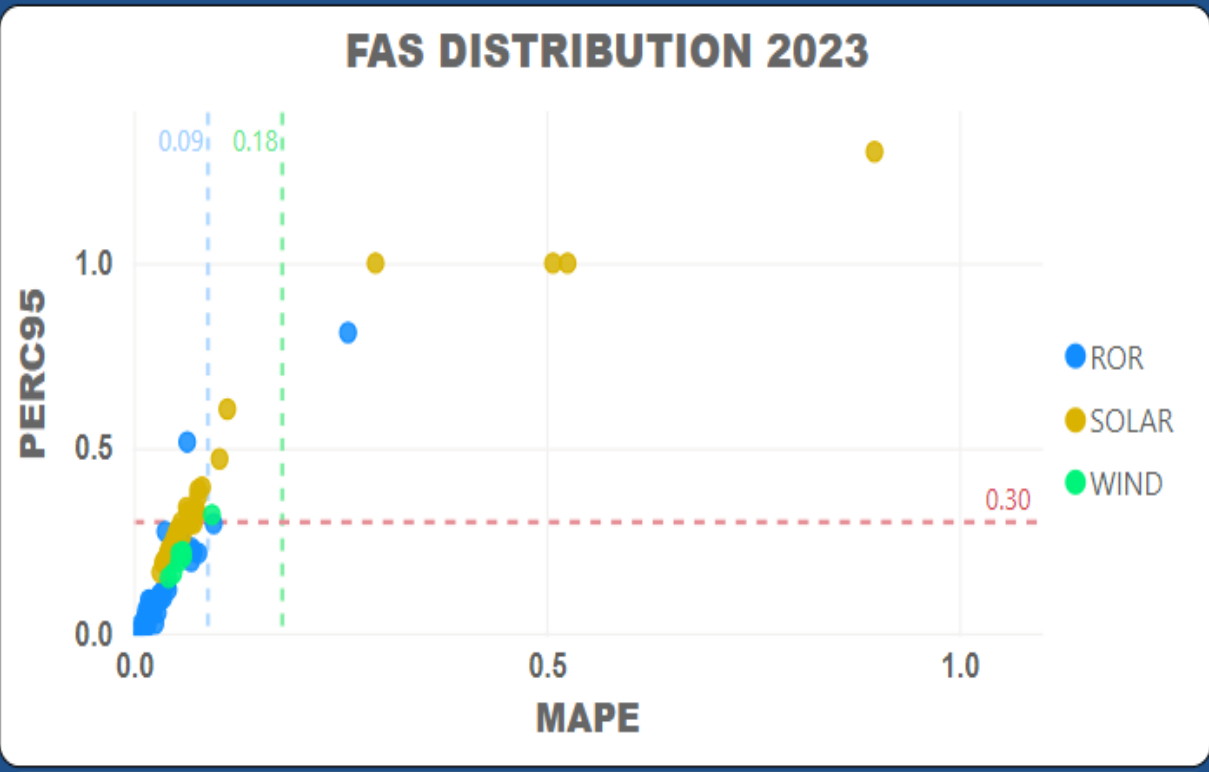


- The Run-of-River Hydro facilities showed a consistently perfect performance starting February 2024 but an observed decrease for October 2024.

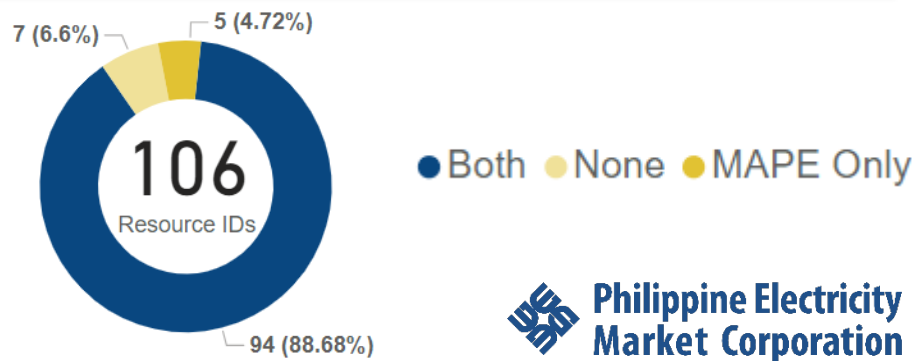
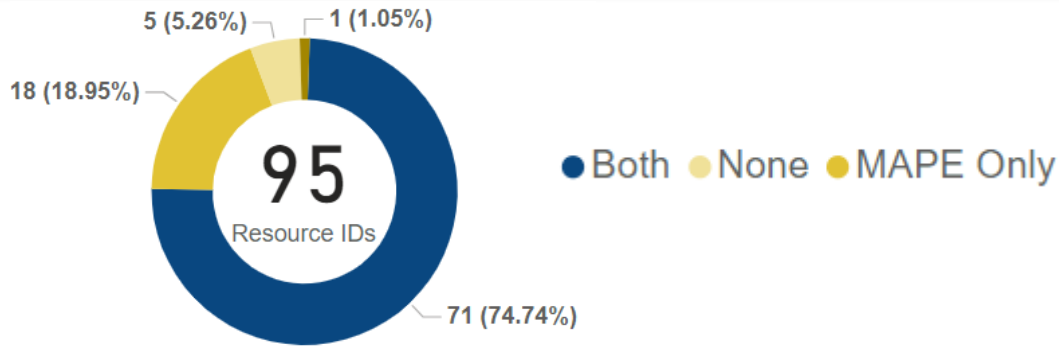
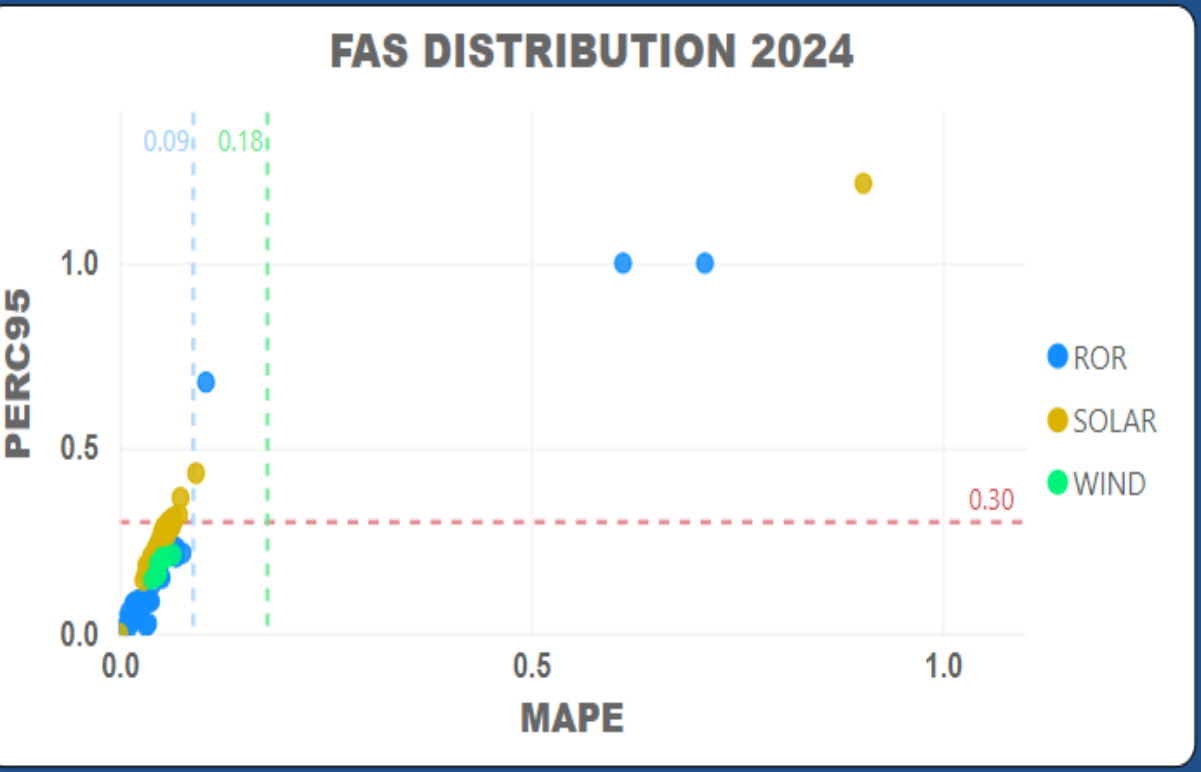


# MAPE AND PERC95 DISTRIBUTIONS

October 2023



October 2024



# NEW FROM POWERBI

# 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](#)