



Philippine Electricity  
Market Corporation

# MONTHLY FORECAST ACCURACY STANDARDS RESULT

November 2024 Billing Period

19 February 2025 | MS Teams

# REQUESTED ACTION

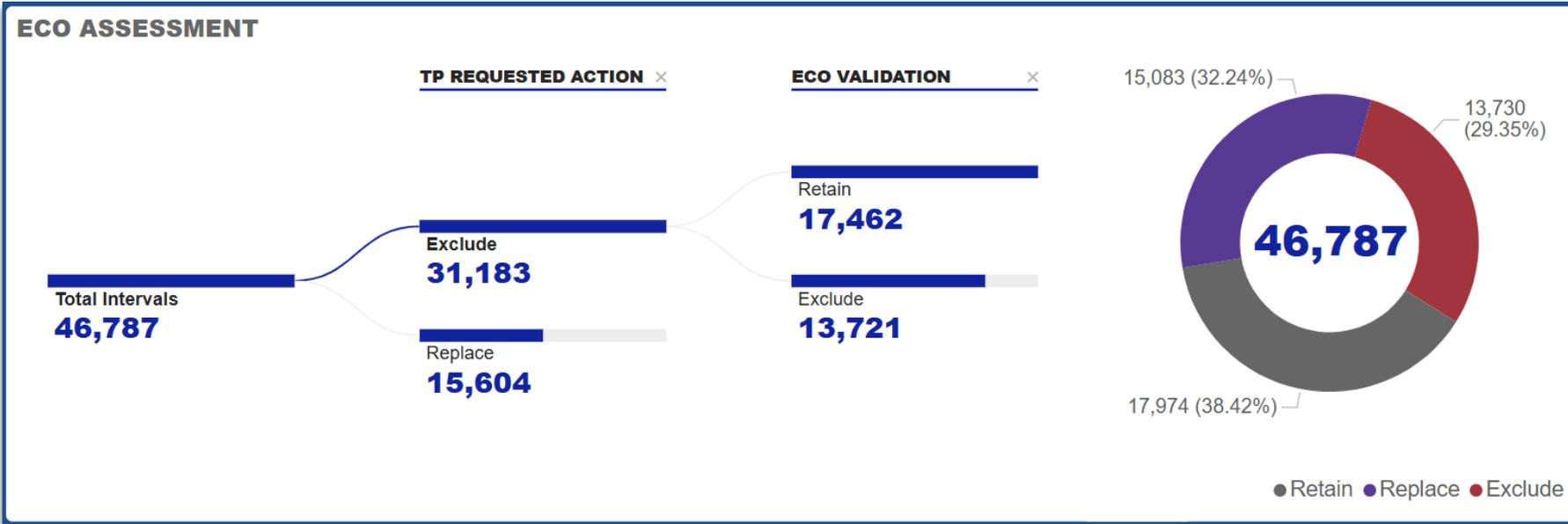
# FOR INFORMATION

## 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	20	3	16	39
Solar	45	11	5	61
Wind	5	2	0	7
<b>Total</b>	<b>70</b>	<b>16</b>	<b>21</b>	<b>107</b>

- As of November 2024, there are **124** facilities registered as MDGU in the WESM.
- Monitored Facilities: **107** across Luzon, Visayas, and Mindanao
- Facilities under Test and Commissioning: **17**

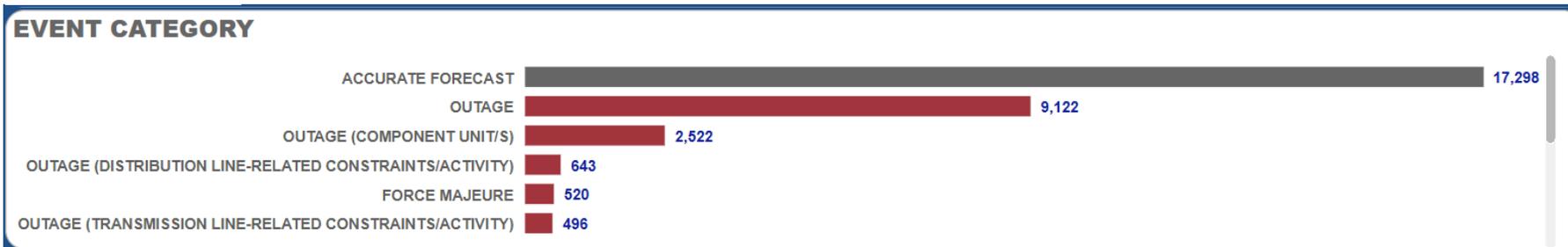
# TOTAL INTERVALS WITH REQUESTED ACTION & ECO ASSESSMENT – NOVEMBER 2024



ECO received a total of **46,787** intervals with requested action.

- **Request for Exclusion:** 31,183 intervals
- **Request for Data Replacement:** 15,604 intervals

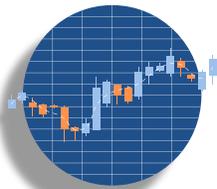
## Exclude



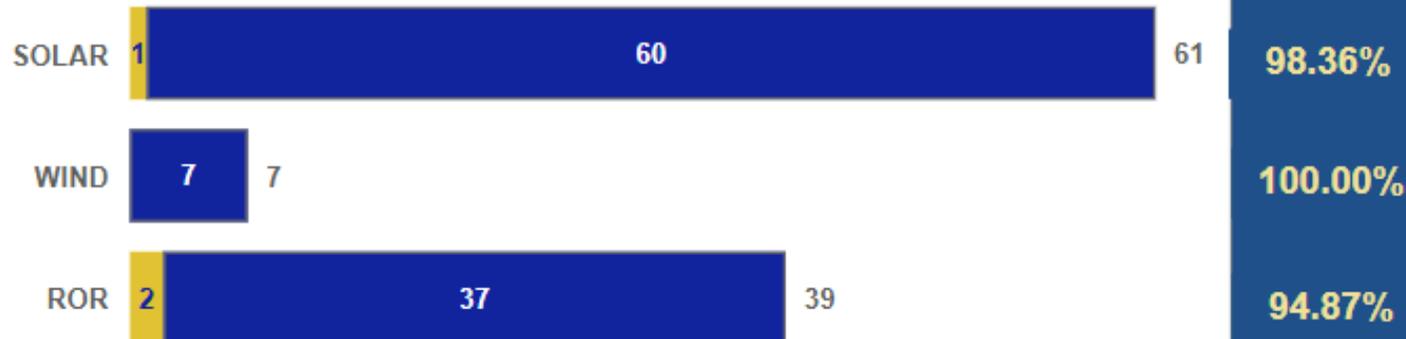
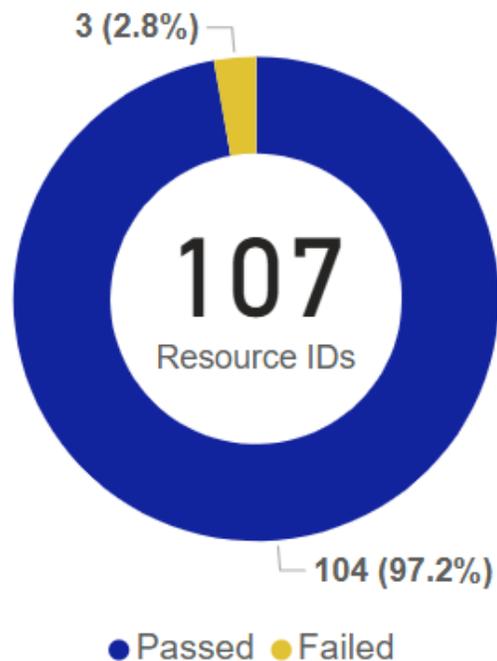
**Out of 31,183** intervals requesting exclusion, **17,462** intervals were retained, and **13,721** intervals were excluded after the ECO's assessment.

# NOVEMBER 2024 FINAL FAS REPORT (OVERALL PASSING RATE)

## MAPE

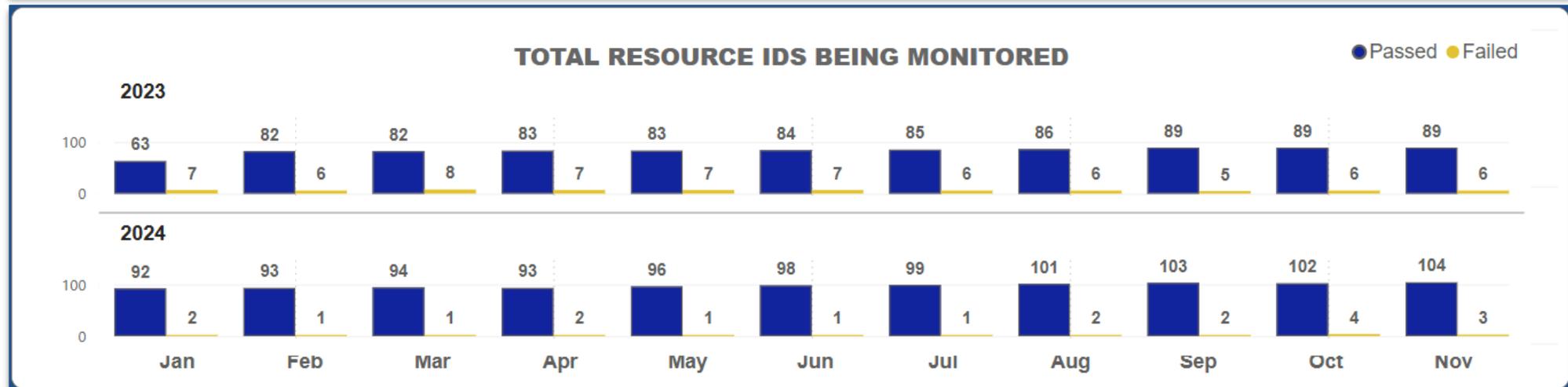
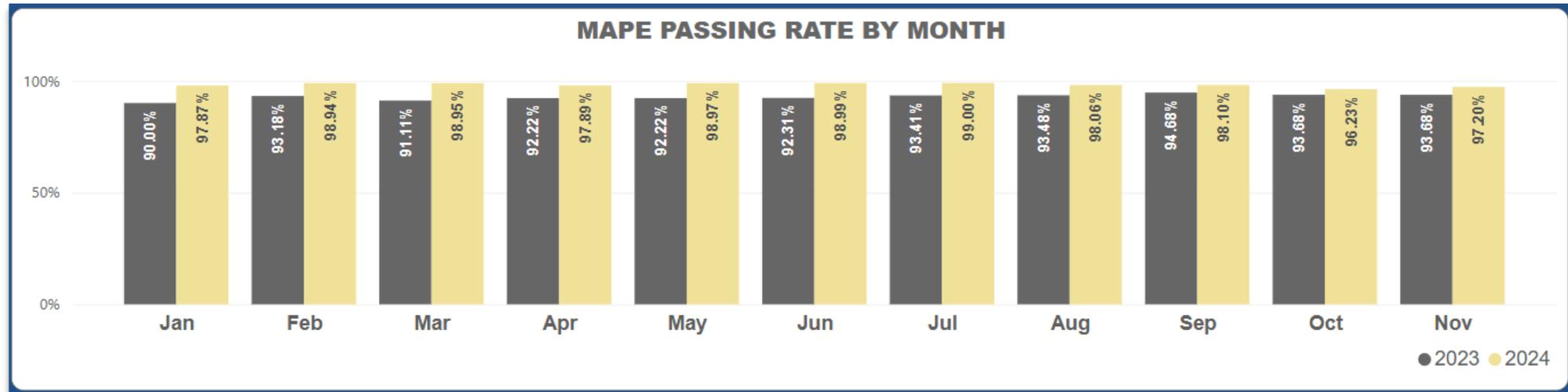


### MAPE PERFORMANCE



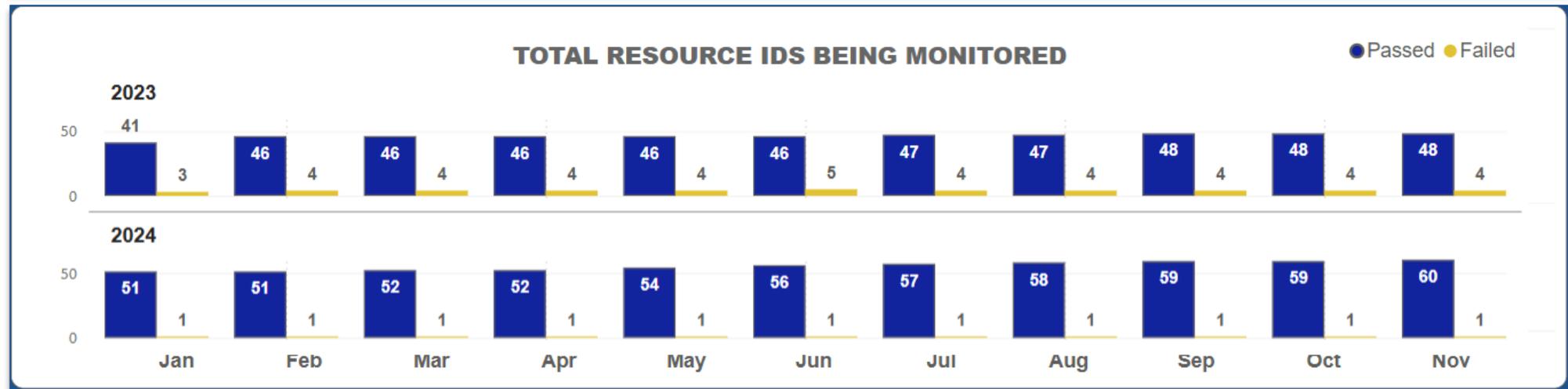
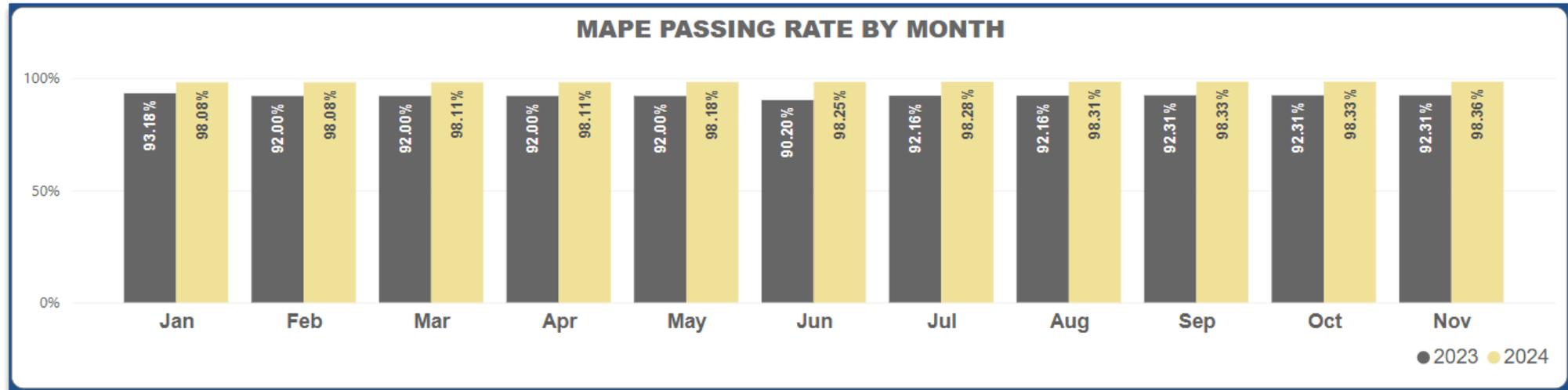
- Of the 107 monitored facilities, 104 met the MAPE standards, while 3 failed to meet the standards.
- 60 out of 61 Solar Power Plants, all 7 Wind Power Plants, and 37 out of 39 Run-of-River Power Plants passed the MAPE standards, as of the November 2024 billing period.

# MAPE PASSING RATE AS OF NOVEMBER 2024 (OVERALL)



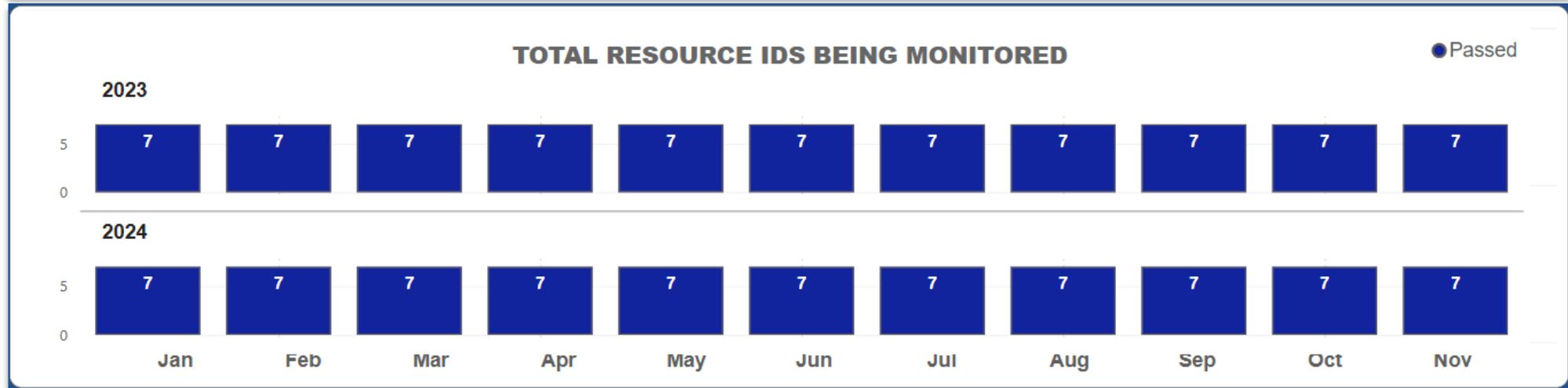
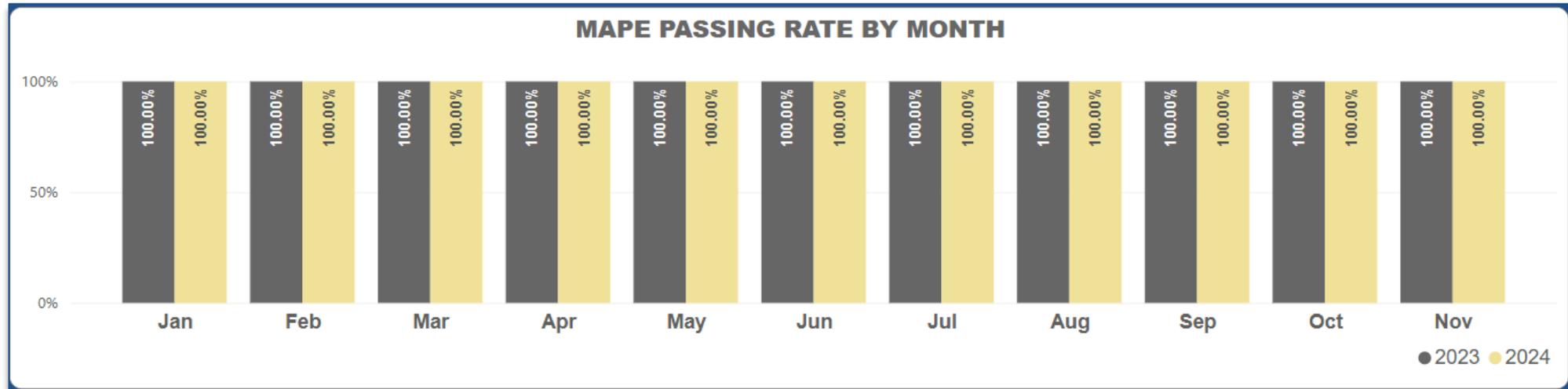
The overall passing rate for MAPE increased from 96.23% to 97.20%, as of November 2024 billing period.

# MAPE PASSING RATE AS OF NOVEMBER 2024 (SOLAR)



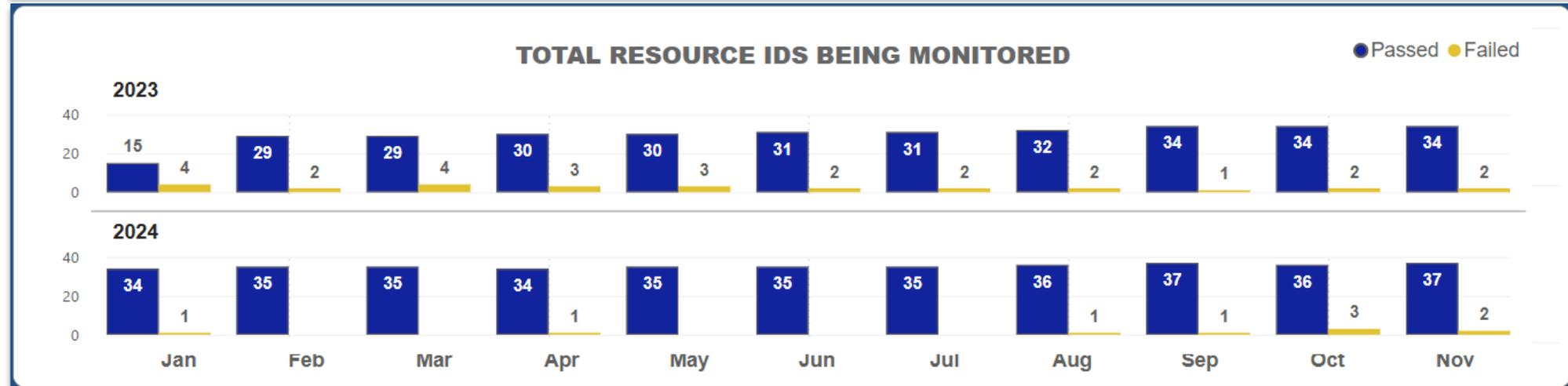
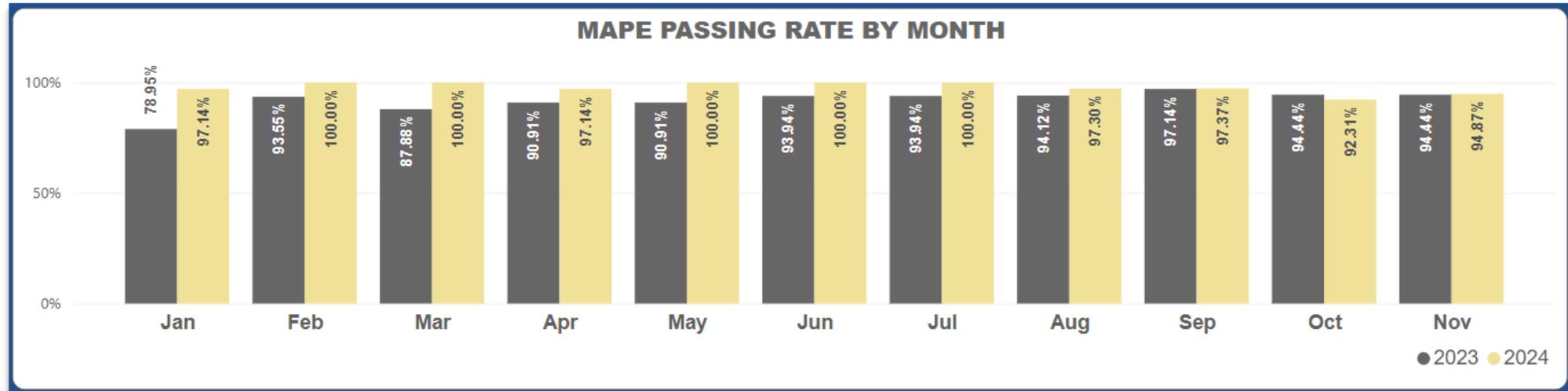
The passing rate for Solar in November 2024 slightly increased to 98.36% from 98.33% in the previous billing period

# MAPE PASSING RATE AS OF NOVEMBER 2024 (WIND)



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

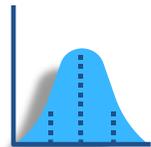
# MAPE PASSING RATE AS OF NOVEMBER 2024 (RUN-OF-RIVER)



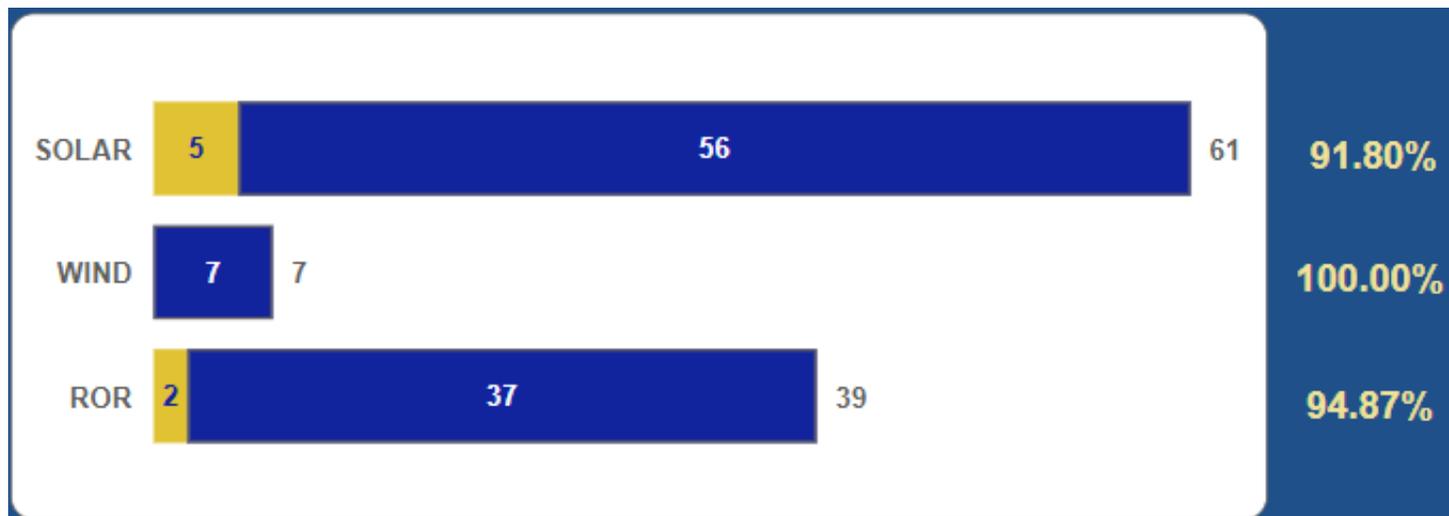
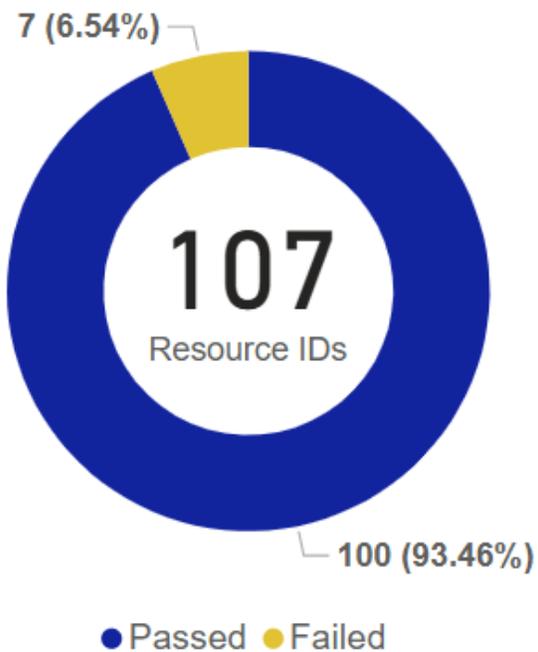
The MAPE passing rate for Run-of-River facilities improved to 94.87% in November 2024, compared to 92.31% in October.

# NOVEMBER 2024 FINAL FAS REPORT (OVERALL PASSING RATE)

## PERC95

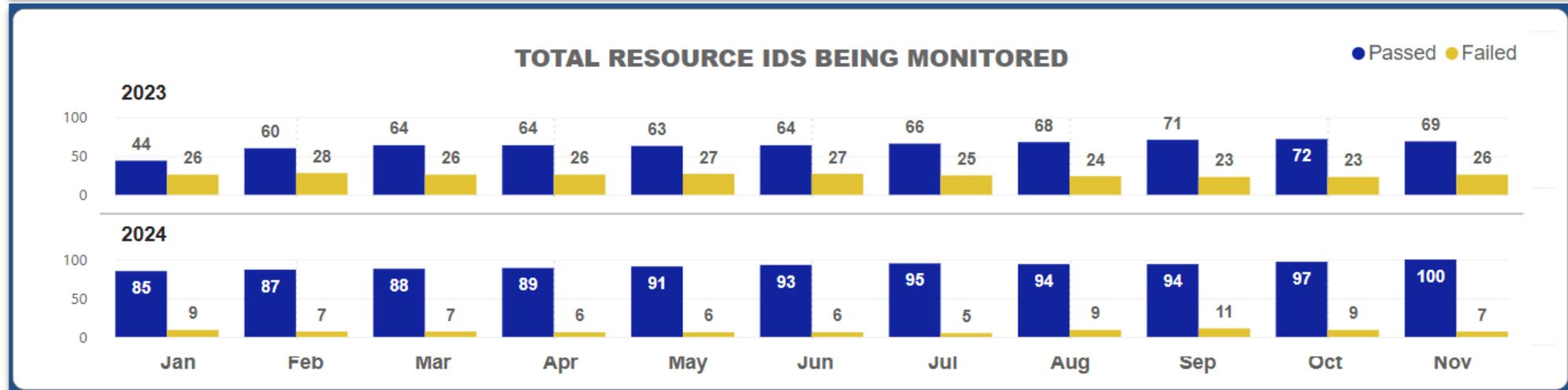
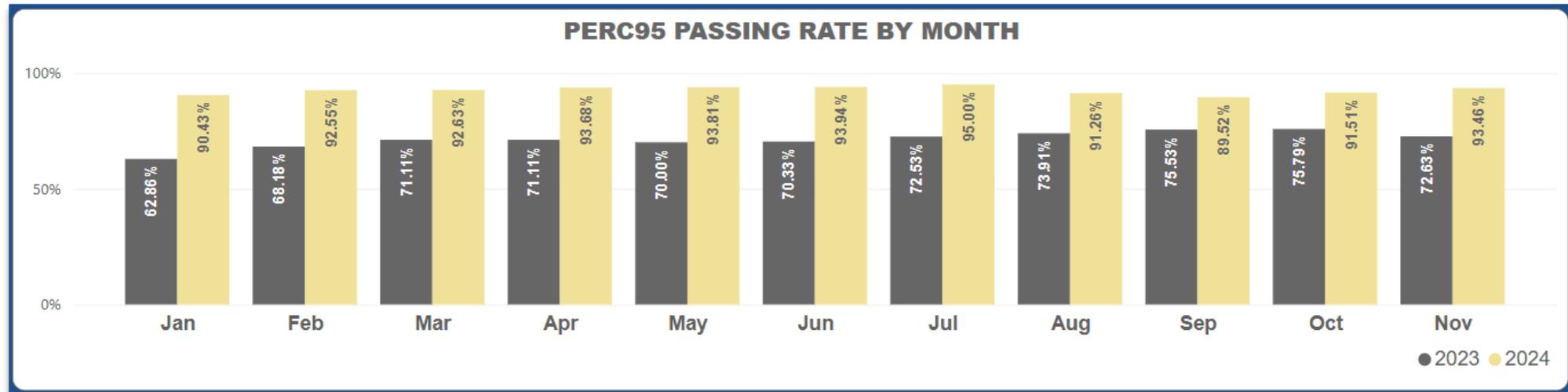


### PERC95 PERFORMANCE



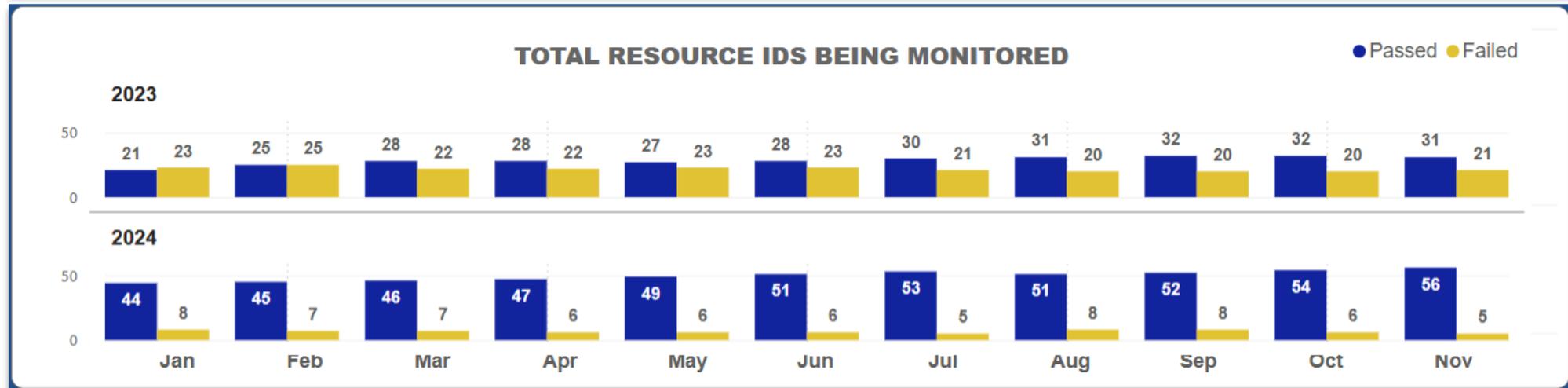
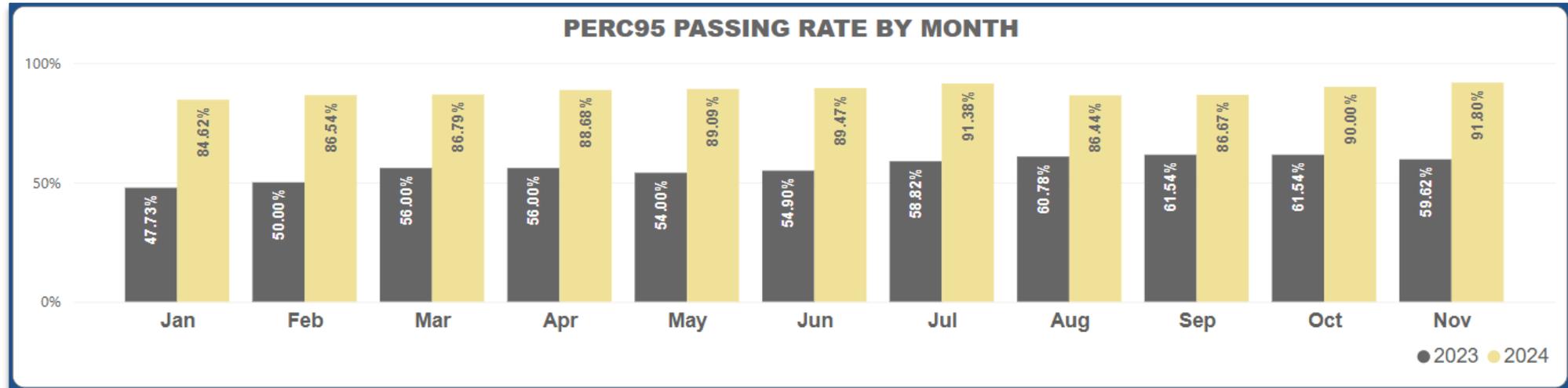
- Out of 107 monitored facilities. 100 (93.46%) performed within the PERC95 standards, while 7 facilities failed.
- 56 out of 61 Solar Power Plants, all 7 Wind Power Plants, and 37 out of 39 Run-of-River Power Plants passed the PERC95 standards.

# PERC95 PASSING RATE AS OF NOVEMBER 2024 (OVERALL)



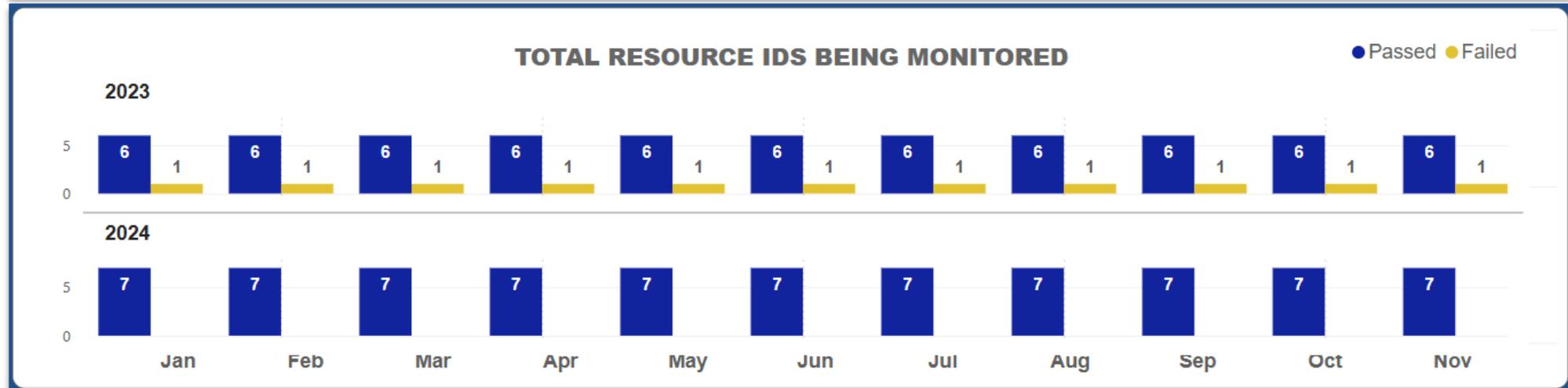
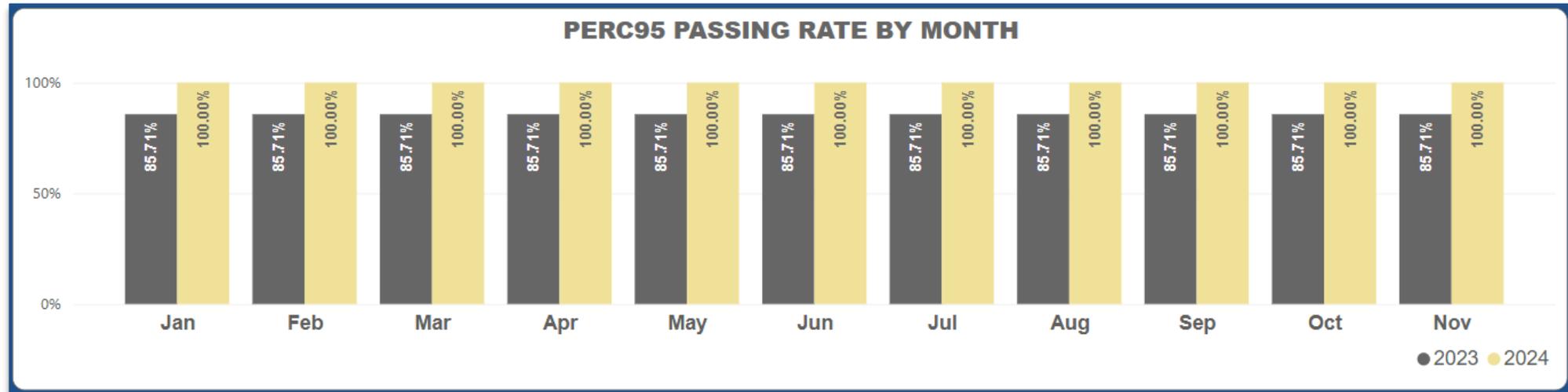
The overall passing rate for PERC95 increased to 93.46%, up from 91.51% in the previous billing period, with the number of facilities passing increasing from 97 to 100.

# PERC95 PASSING RATE AS OF NOVEMBER 2024 (SOLAR)



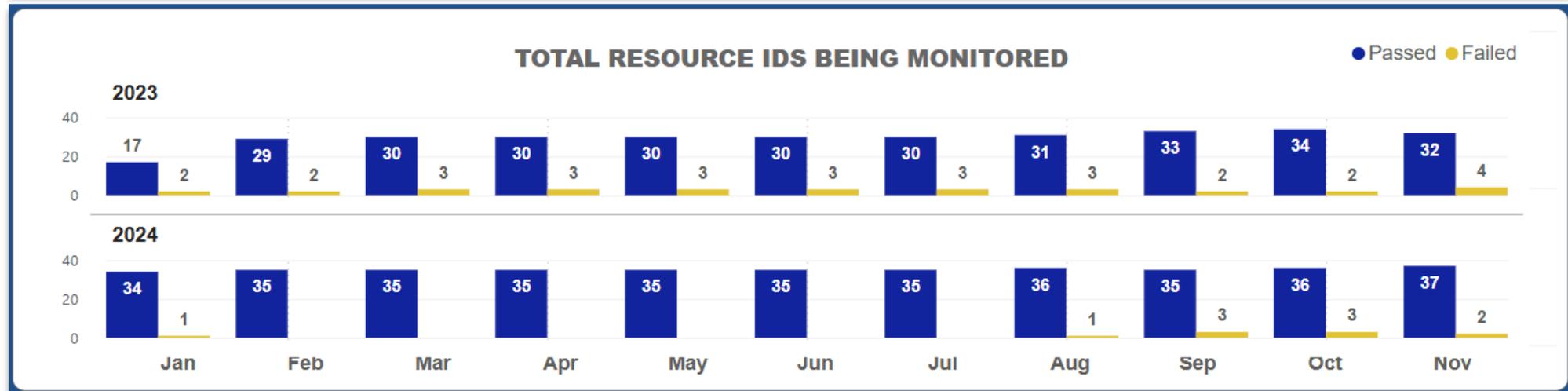
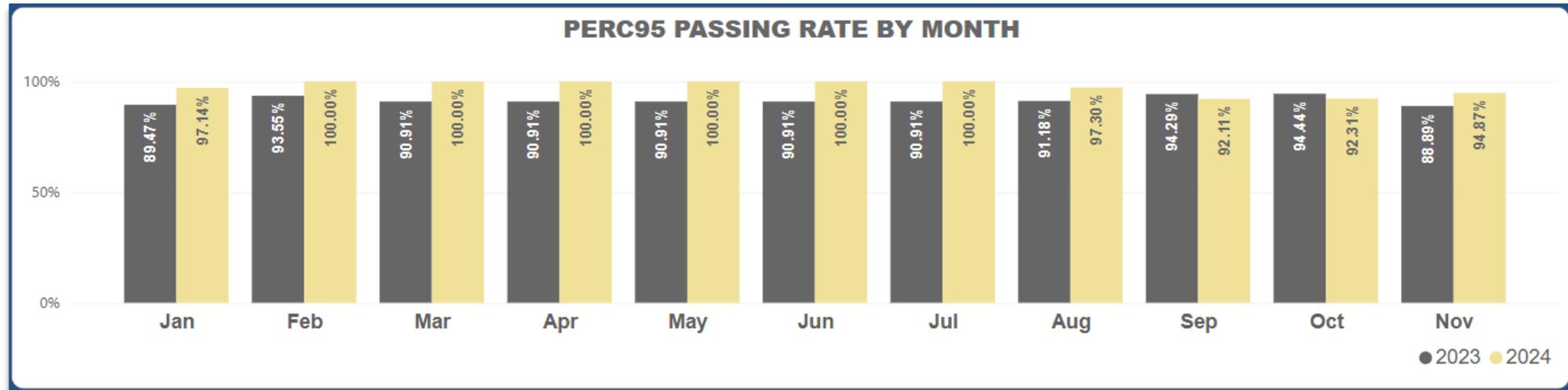
The PERC95 passing rate for Solar facilities showed improvement over the year, starting at 84.62% in January and reaching 91.80% in November

# PERC95 PASSING RATE AS OF NOVEMBER 2024 (WIND)



Since January, all seven (7) Wind facilities have consistently met the PERC95 standards, achieving a 100% passing rate during the November billing period.

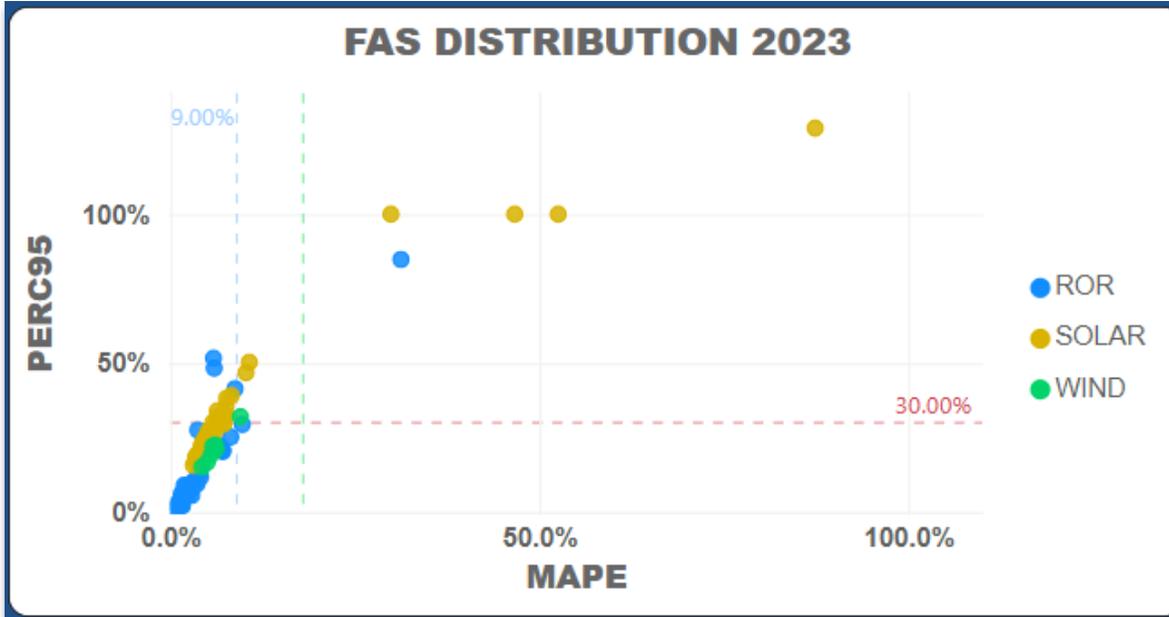
# PERC95 PASSING RATE AS OF NOVEMBER 2024 (RUN-OF-RIVER)



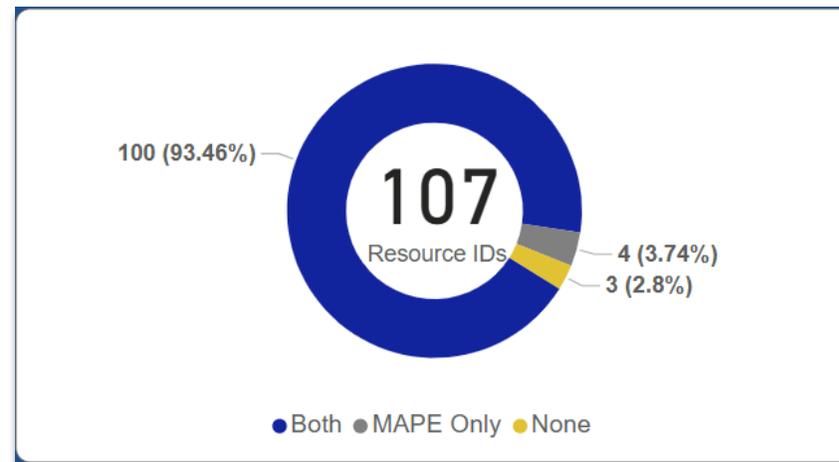
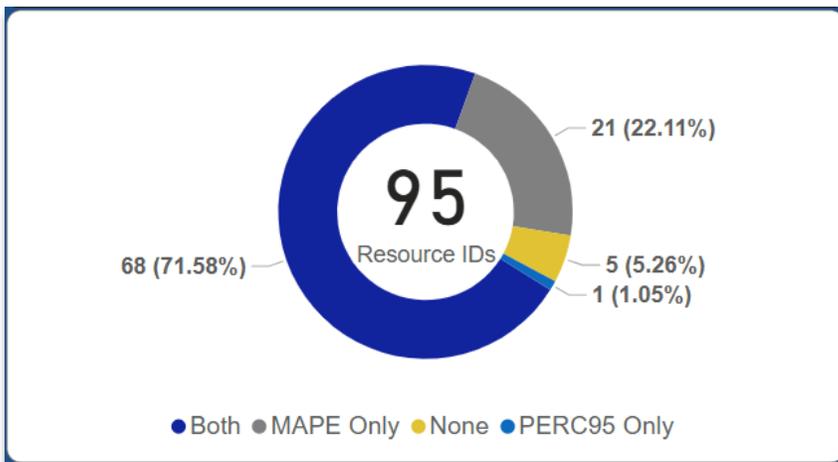
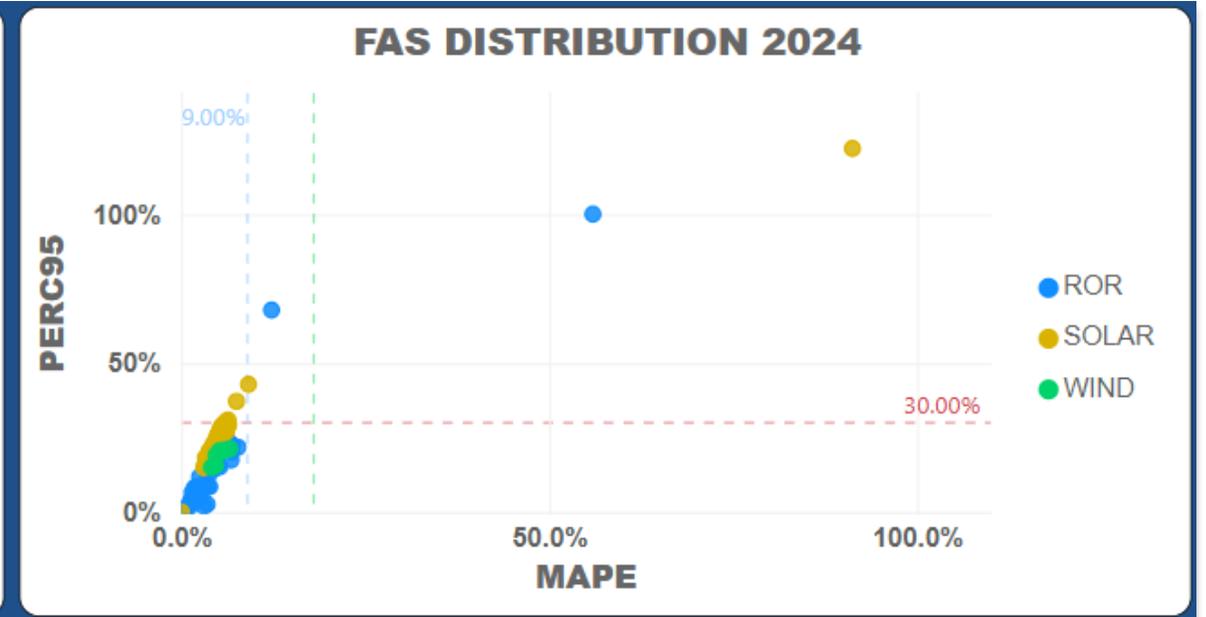
The PERC95 passing rate for Run-of-River facilities increased to 94.87% in November from 92.31% last October.

# MAPE AND PERC95 DISTRIBUTIONS

November 2023



November 2024



# REQUESTED ACTION

# FOR INFORMATION

# Connect with PEMC



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