



Philippine Electricity  
Market Corporation

# MONTHLY FORECAST ACCURACY STANDARDS RESULT

August FAS Result (2023)

15 November 2023 | PEMC Boardroom

# REQUESTED ACTION

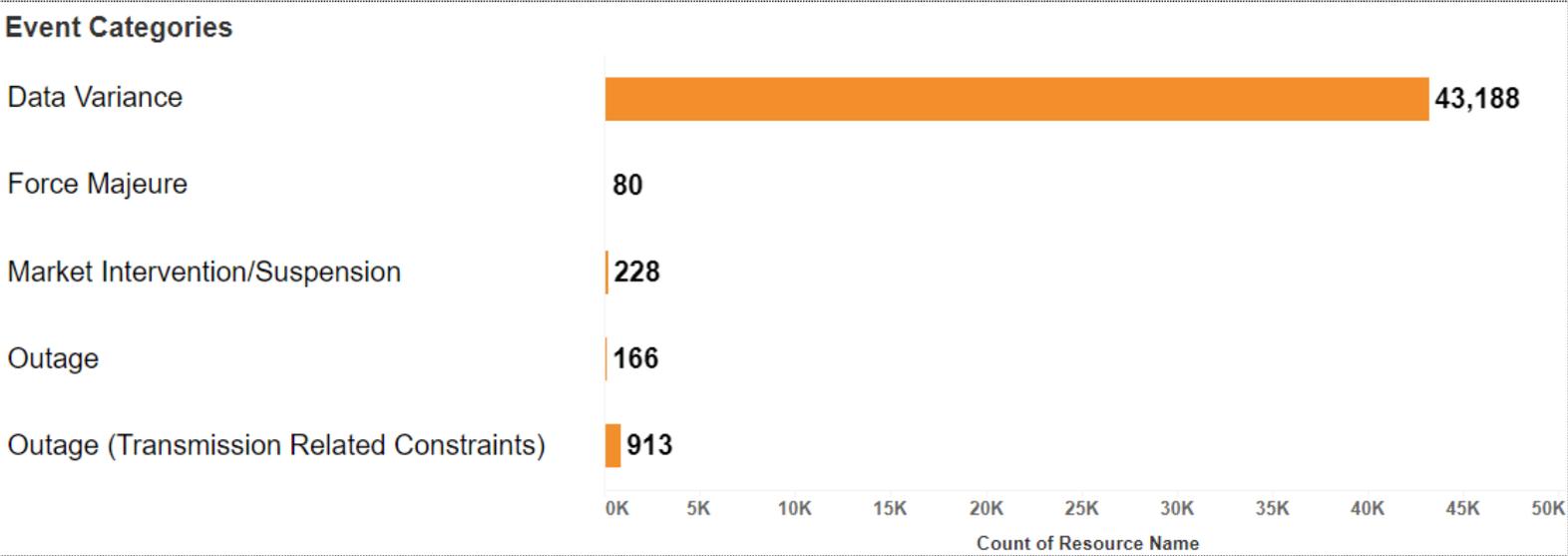
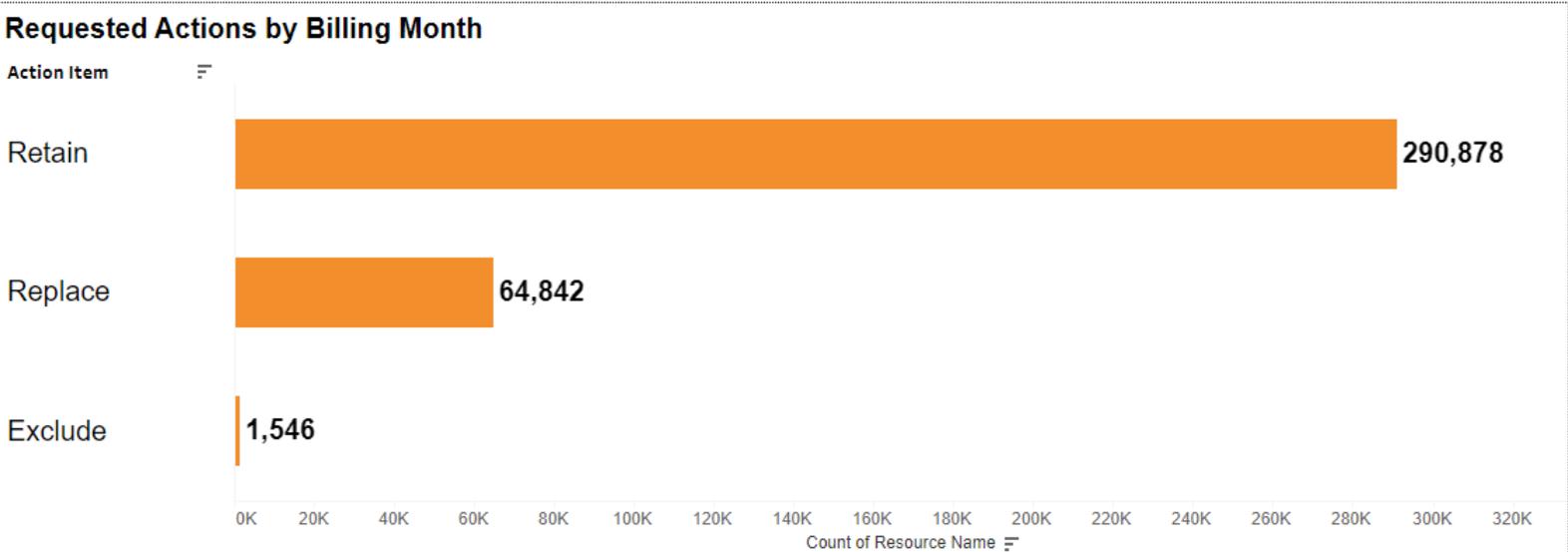
## FOR INFORMATION

## 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	17	3	14	34
Solar	35	12	5	52
Wind	5	2	0	7
<b>Total</b>	<b>57</b>	<b>17</b>	<b>19</b>	<b>93</b>

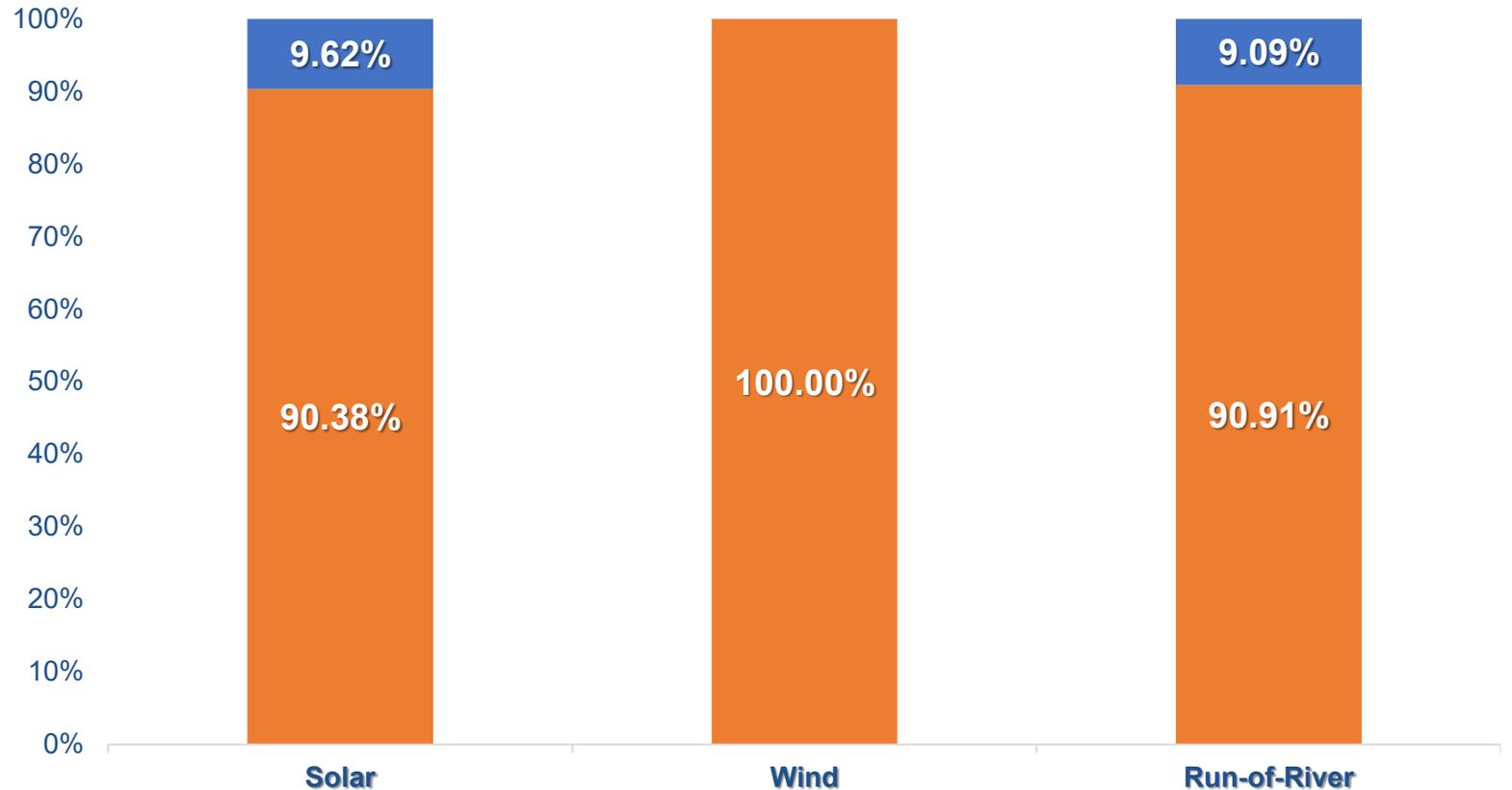
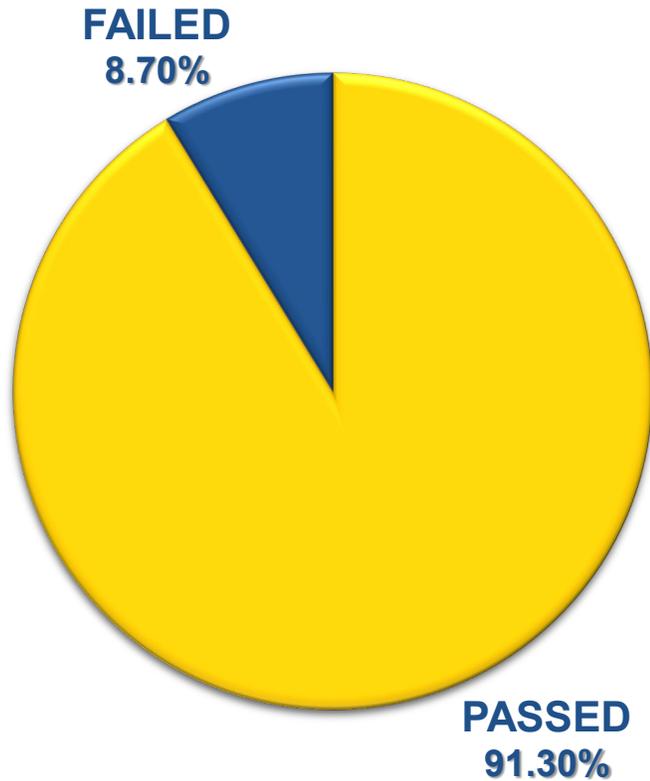
As of August 2023, there are **99** facilities registered as MDGU in the WESM. From the registered facilities, **93** facilities from Luzon and Visayas, and Mindanao regions are being monitored, **6** facilities are under test and commissioning, and Mindanao facilities are being monitored after the declaration of commercial operation of the WESM Mindanao on 26 January 2023. (DOE DC2022-12-0039, 23 December 2022)

# TOTAL INTERVALS WITH REQUESTED ACTION & ECO ASSESSMENT - AUGUST 2023



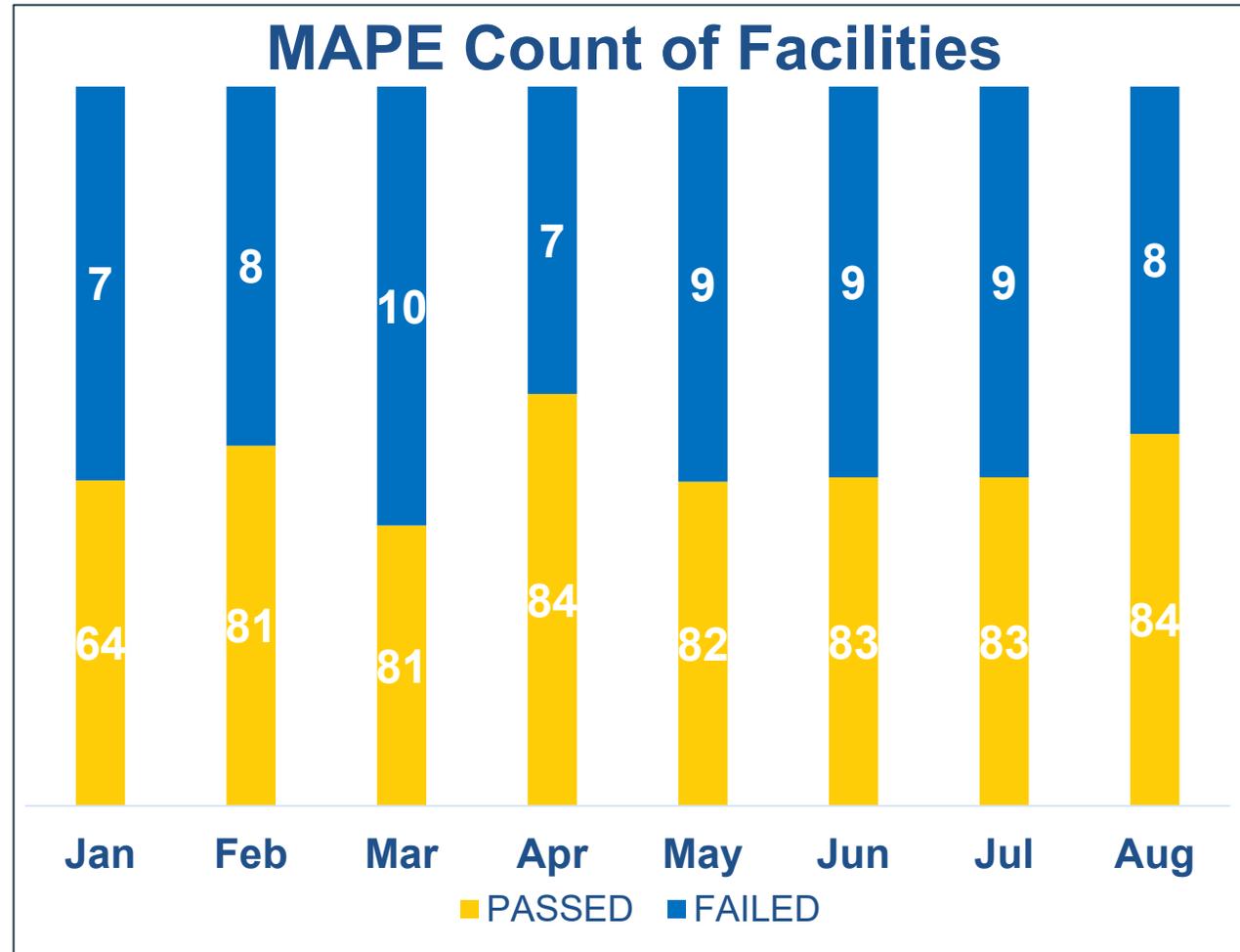
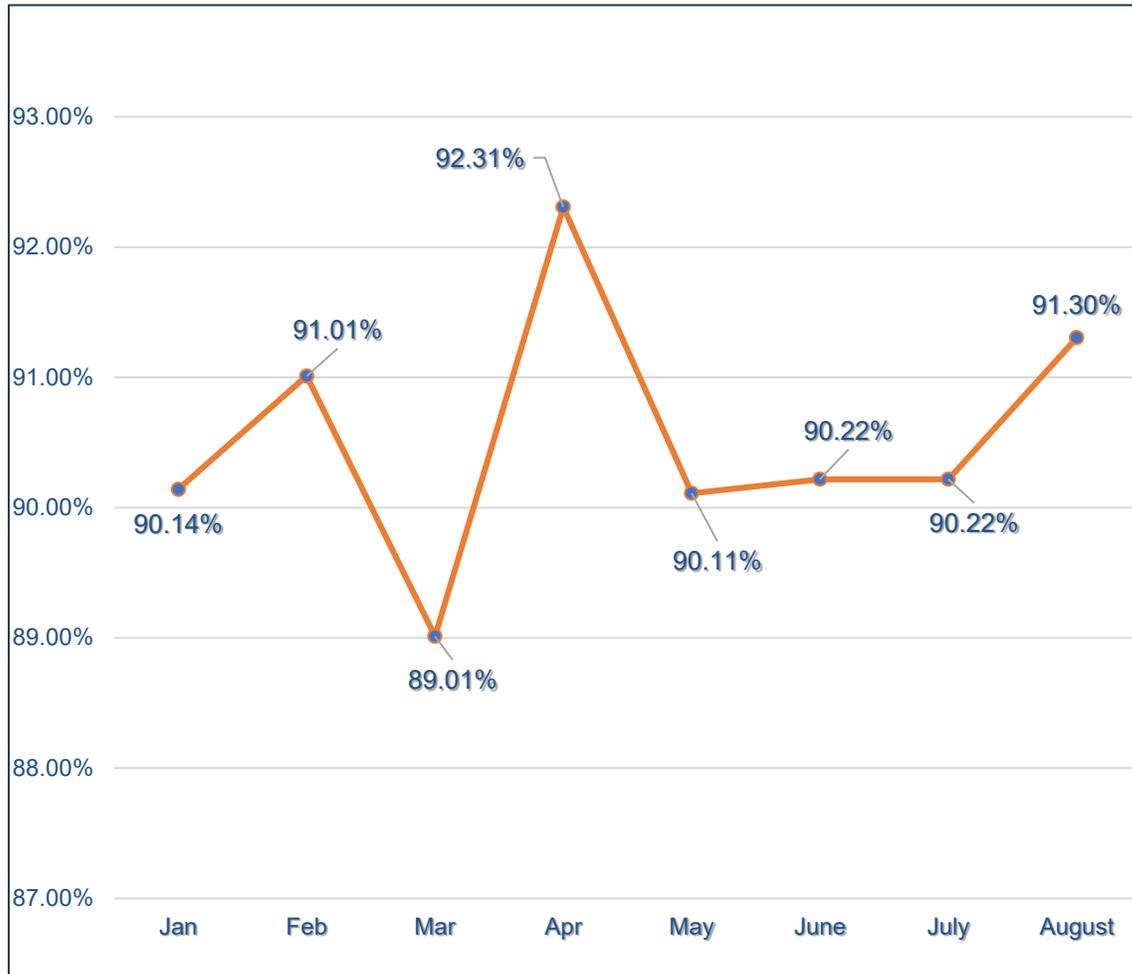
- ECO received a total of **1,546** intervals requesting exclusion and a total of **64,842** intervals requesting replacement due to possible Data Variance. The ECO also received a total of **290,878** intervals to retain results.
- Out of **64,842** intervals requesting data replacement, **43,188** intervals were confirmed to be Data Variance (**66.60%** of the intervals for replacement).
- Out of **1,546** intervals requesting exclusion, the ECO accepts **1,332** intervals (**86.16%** of the total intervals for exclusion).

# AUGUST 2023 FINAL FAS REPORT (OVERALL PASSING RATE)



- 84 out of 92 facilities being monitored performed within the MAPE standards while 9 failed.
- 47 out of 52 Solar Power Plants, 30 out of 33 Run of River Power Plants, and 7 out of 7 Wind Power Plants passed the MAPE standards

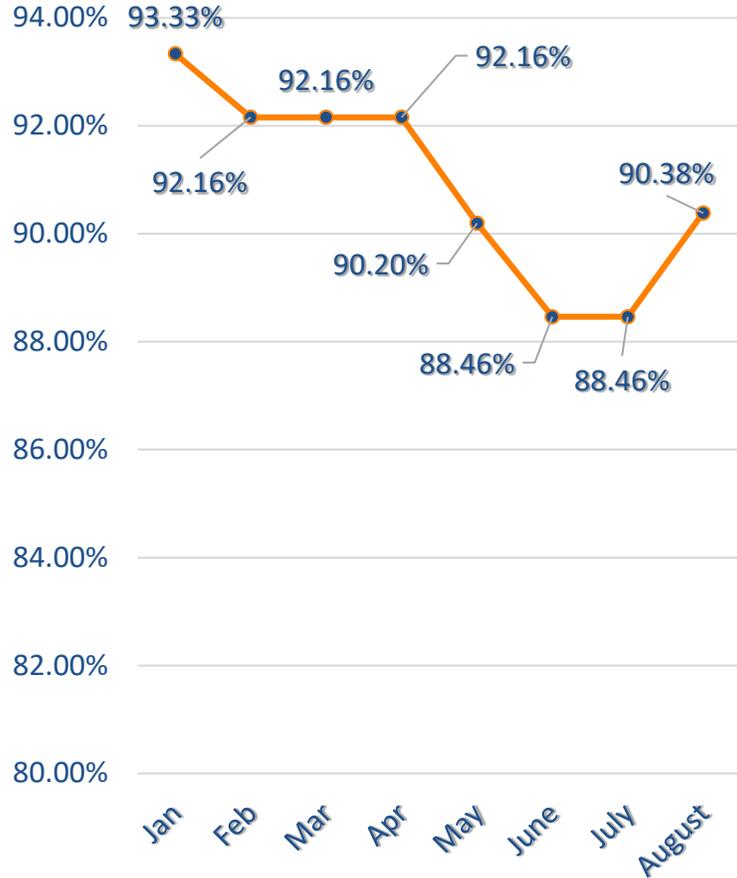
# PASSING RATE TREND – MAPE FINAL RESULT



From the **Final MAPE result (January to August 2023)**, the average passing rate is **90.54%**, and the average count of passing plant is **80**.

# PASSING RATE TREND – MAPE

## Solar



## Wind



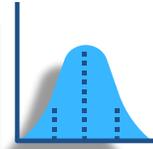
## Run-of-River



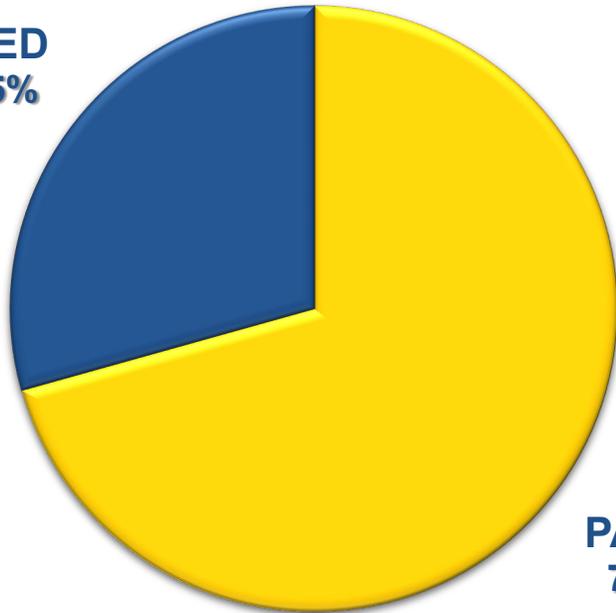
- The average passing rates of Solar, Wind and ROR Power Plants from the final result are **90.91%**, **100.00%** and **87.42%**, respectively.

# AUGUST 2023 FINAL FAS REPORT (OVERALL PASSING RATE)

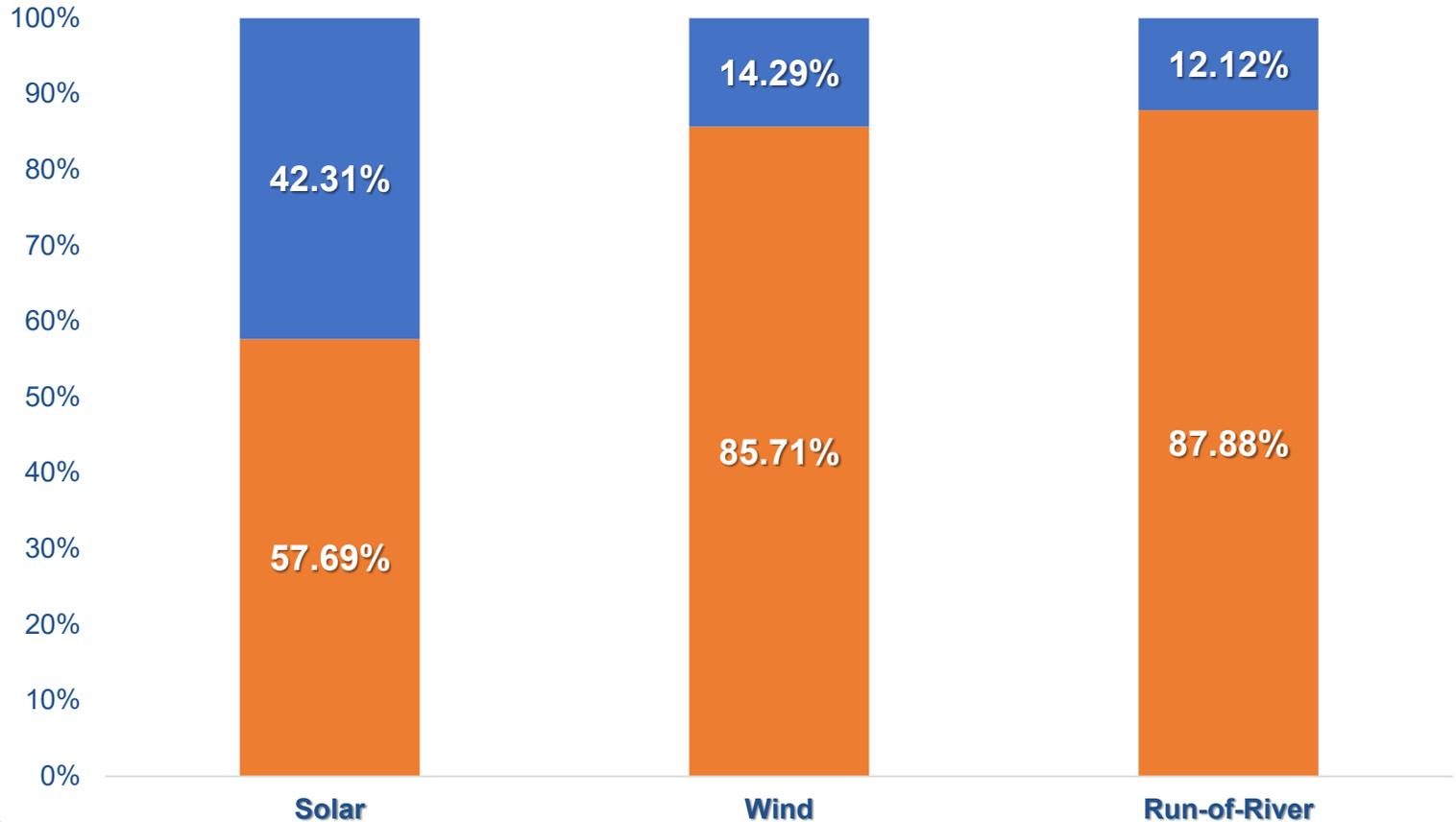
## PERC95



**FAILED**  
29.35%

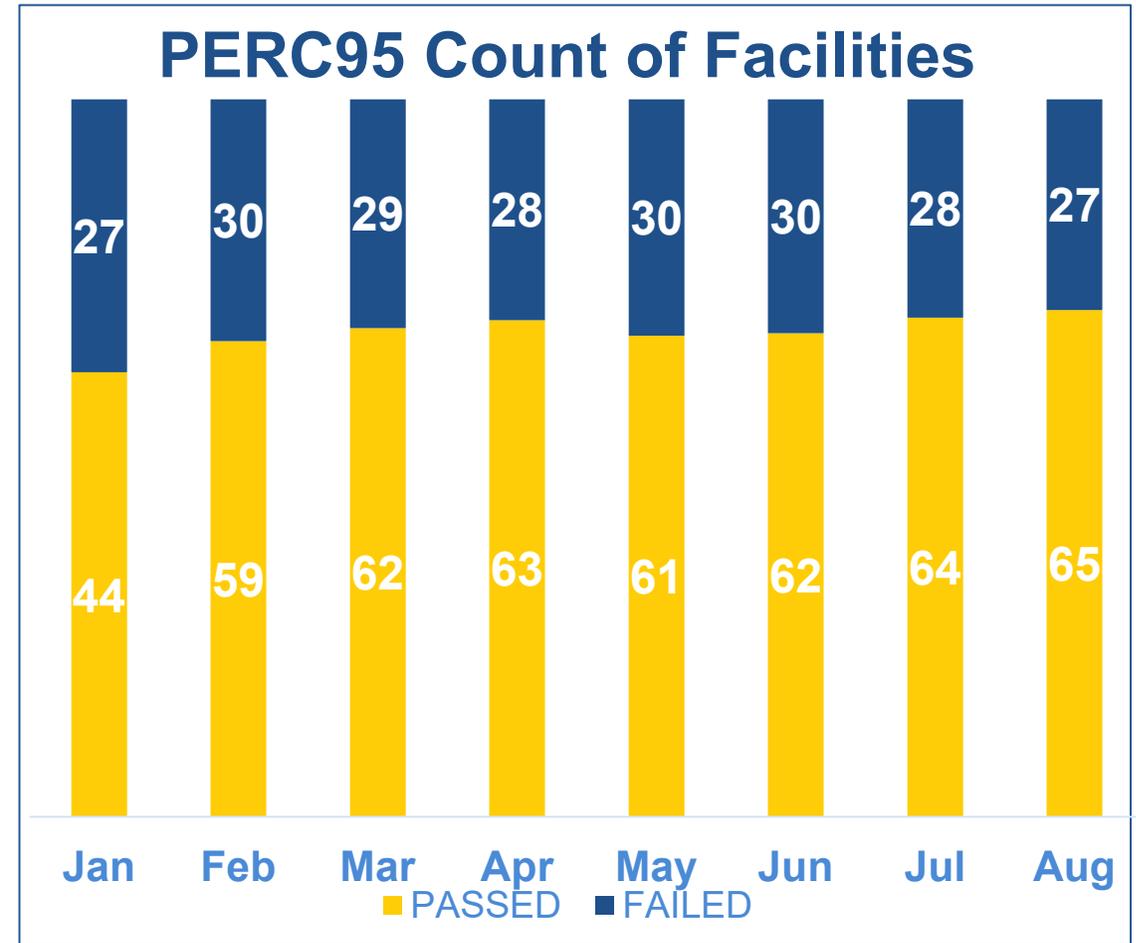
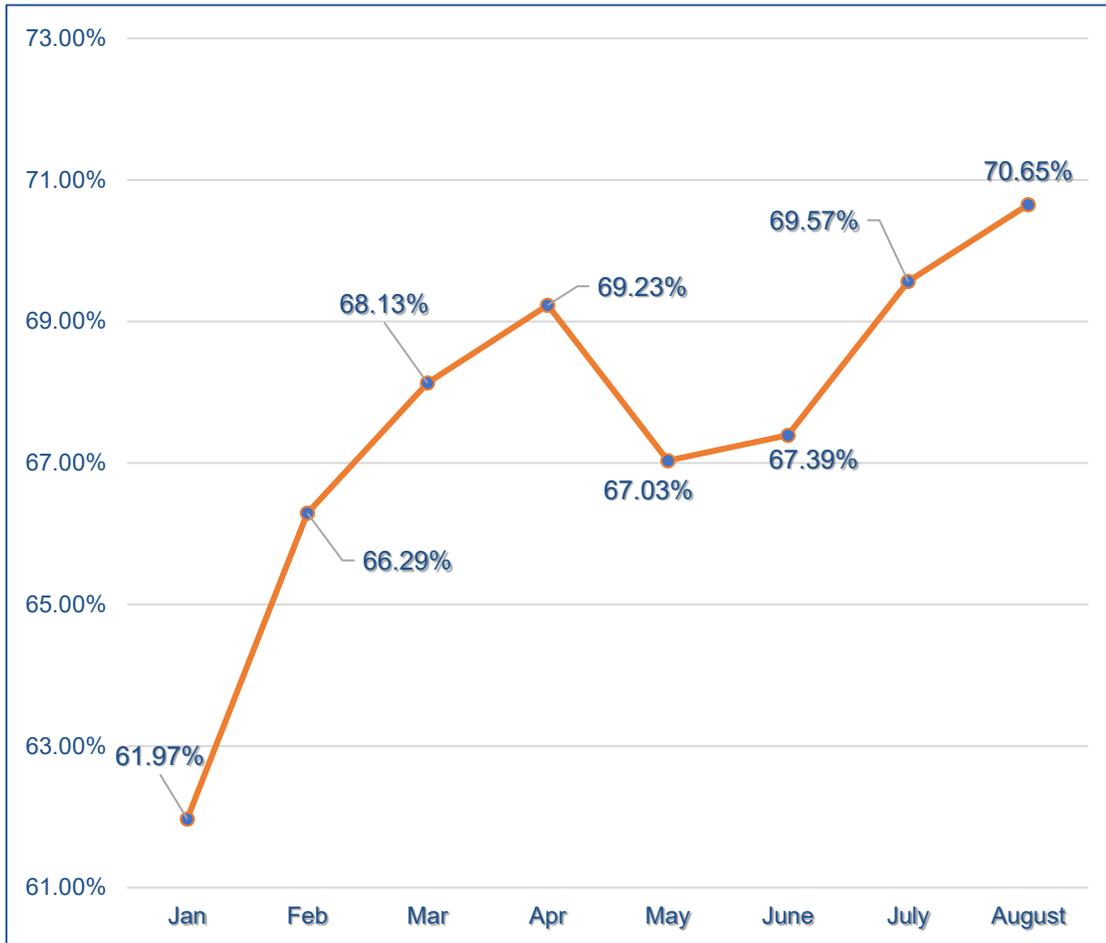


**PASSED**  
70.65%



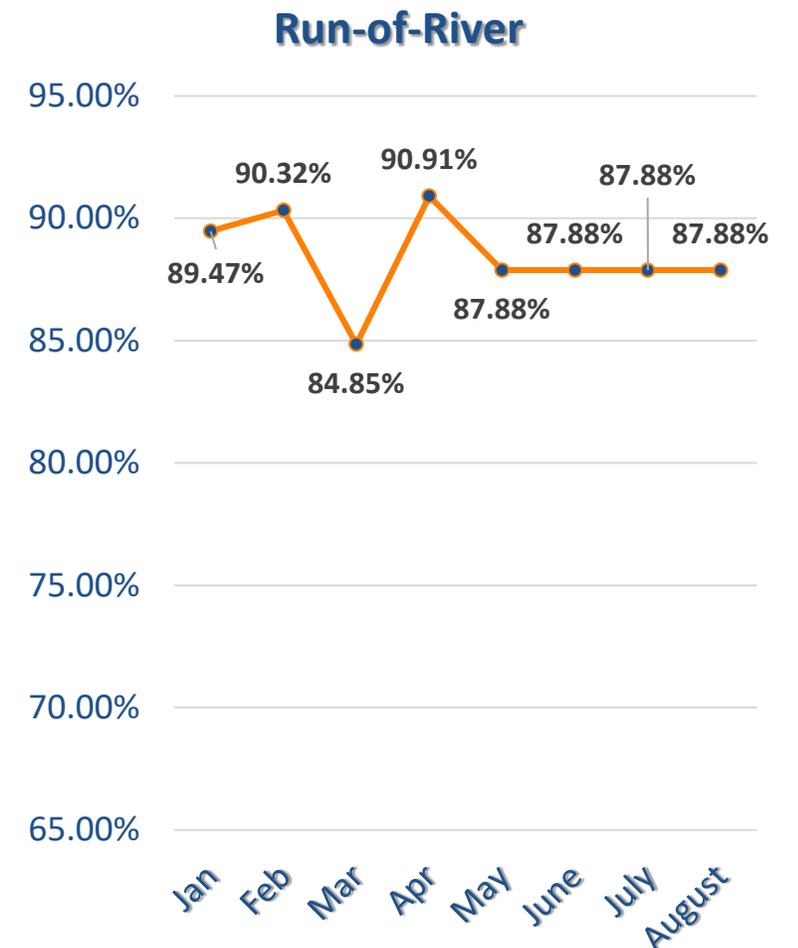
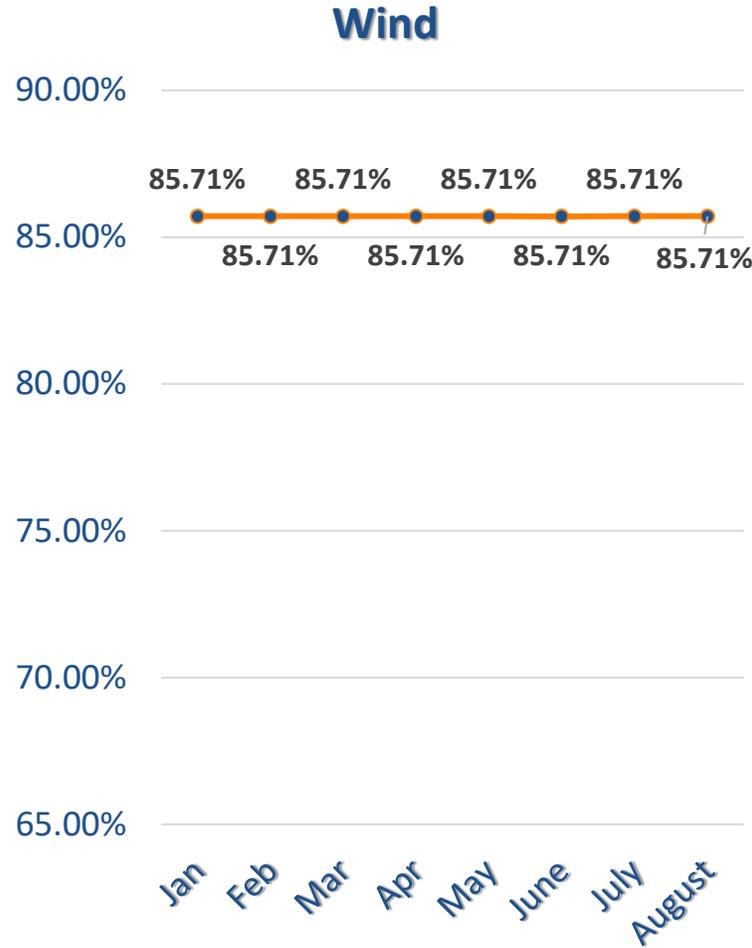
- 65 out of 92 facilities being monitored performed within the PERC95 standards while 27 failed.
- 30 out of 52 Solar Power Plants, 29 out of 33 Run of River Power Plants, and 6 out of 7 Wind Power Plants passed the PERC95 standards.

# PASSING RATE TREND – PERC95



- From the **Final PERC95 result (January to July 2023)**, the average passing rate is **67.09%**, and the average count of passing plant is **59**.

# PASSING RATE TREND – PERC95



- The average passing rates of Solar, Wind and ROR Power Plants from the final result are **52.49%**, **85.71%** and **88.38%**, respectively.



# REQUESTED ACTION

## FOR INFORMATION

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