



Philippine Electricity  
Market Corporation

# FORECAST ACCURACY STANDARDS

March 2023 Final FAS Result

22 June 2023 | MS Teams

# REQUESTED ACTION

## FOR INFORMATION

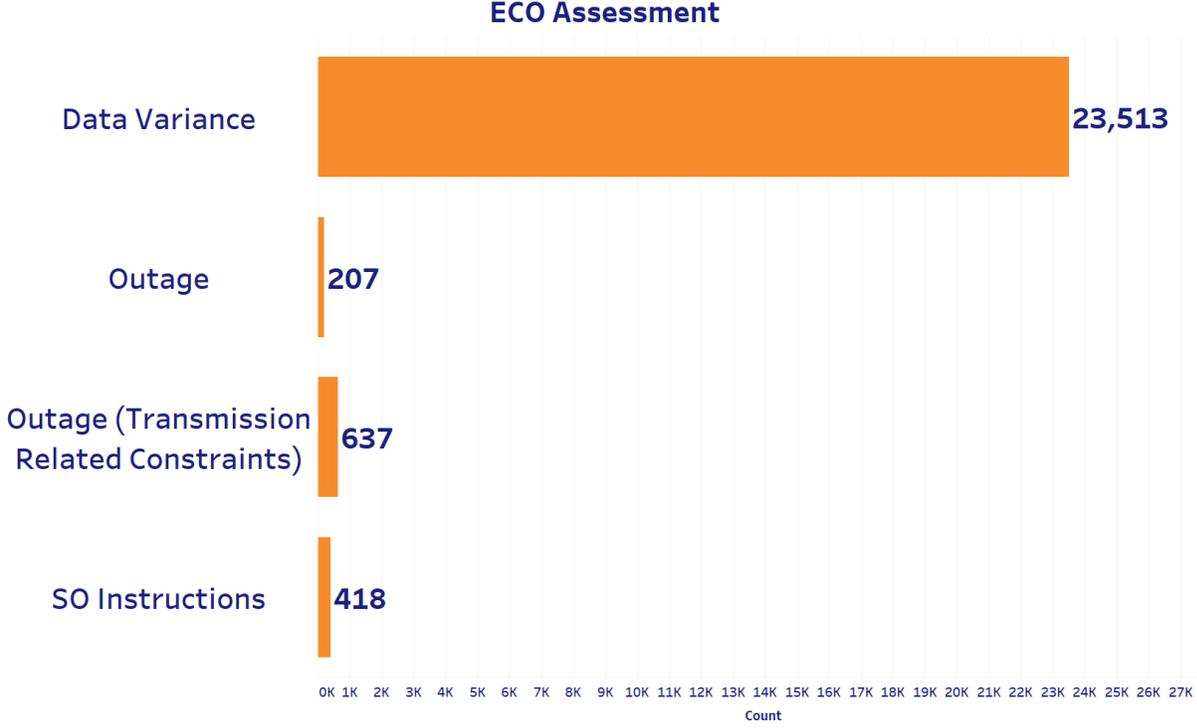
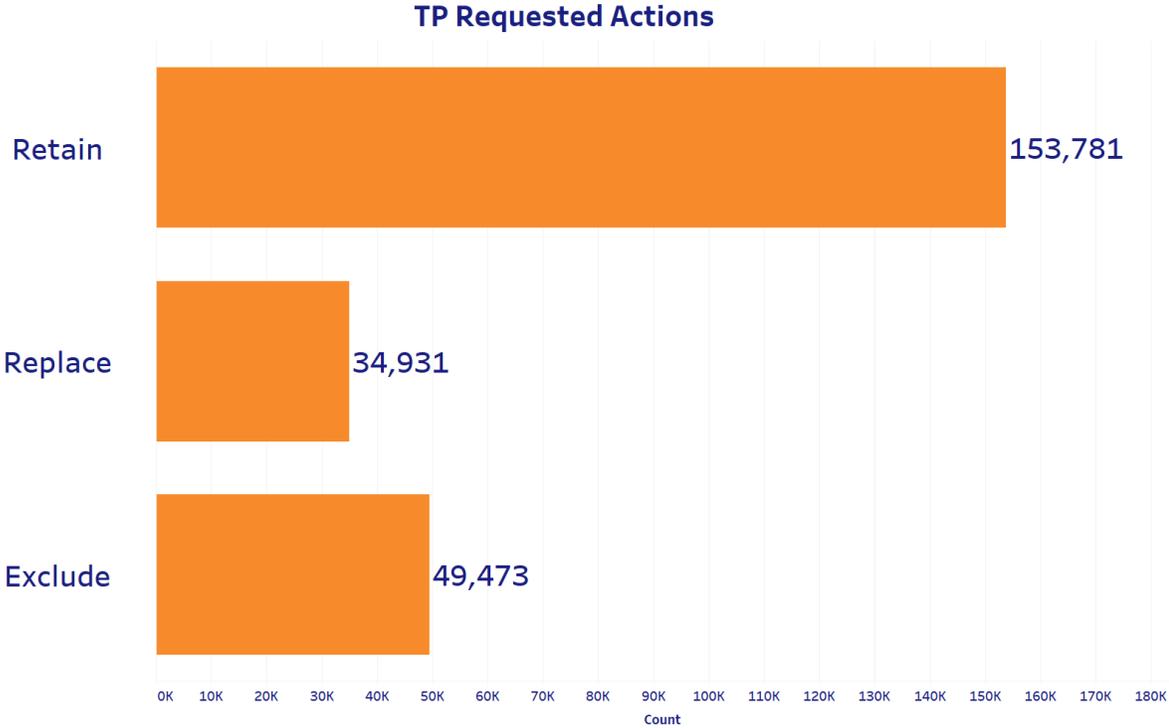
# **MONTHLY FAS RESULT AS OF MAR 2023**

## 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
On T&C*	3	1	0	4
<b>On Commercial Operations/With FCATC</b>				
Run of River	17	2	14	33
Solar	34	12	5	51
Wind	5	2		7
<b>Total</b>	<b>56</b>	<b>16</b>	<b>19</b>	<b>91</b>

As of March 2023, there are **95** facilities registered as MDGU in the WESM. From the registered facilities, **91** facilities from Luzon, Visayas, and Mindanao regions are being monitored; **4** facilities are under test and commissioning (T&C); the Mindanao plants/facilities are now being monitored after the declaration of commercial operation of the WESM Mindanao on 26 January 2023. (*DOE DC2022-12-0039, 23 December 2022*).

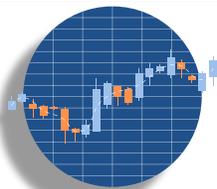
# TOTAL INTERVALS WITH REQUESTED ACTION MARCH 2023



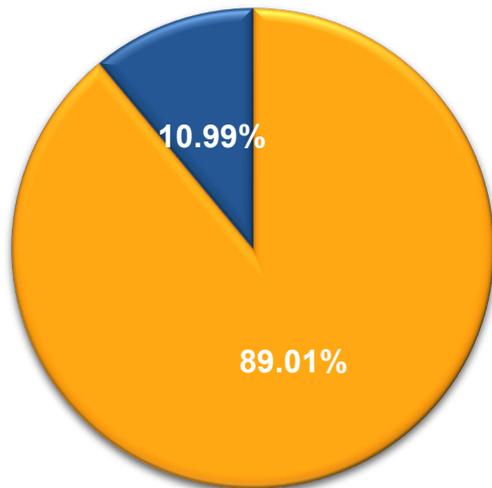
- ECO received a total of **49,473** intervals requesting exclusion and a total of **34,931** intervals requesting replacement due to possible Data Variance.
- The ECO also received a total of **153,781** intervals to retain results.
- Out of **49,473** intervals requesting exclusion, the ECO accepts **1,292** intervals (**2.61%** of the total intervals for exclusion).
- Out of **34,931** intervals requesting data replacement, **23,513** intervals were confirmed to be Data Variance (**67.31%** of the intervals for replacement).

# MARCH 2023 FINAL FAS RESULT (OVERALL PASSING RATE)

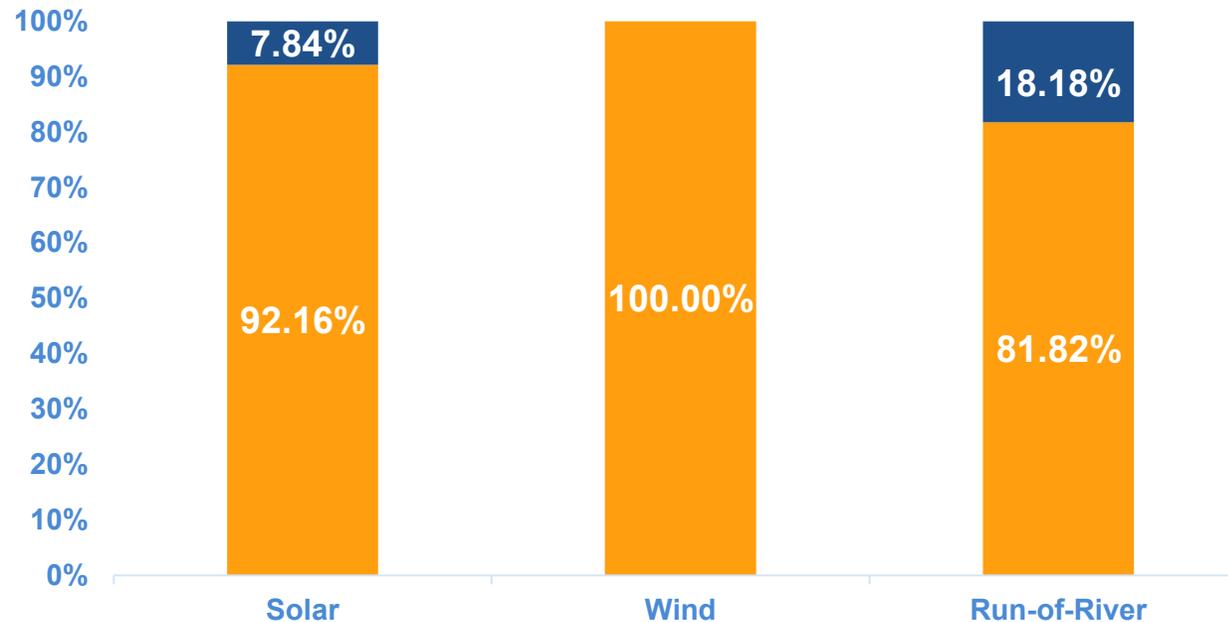
## MAPE



MAPE - FINAL

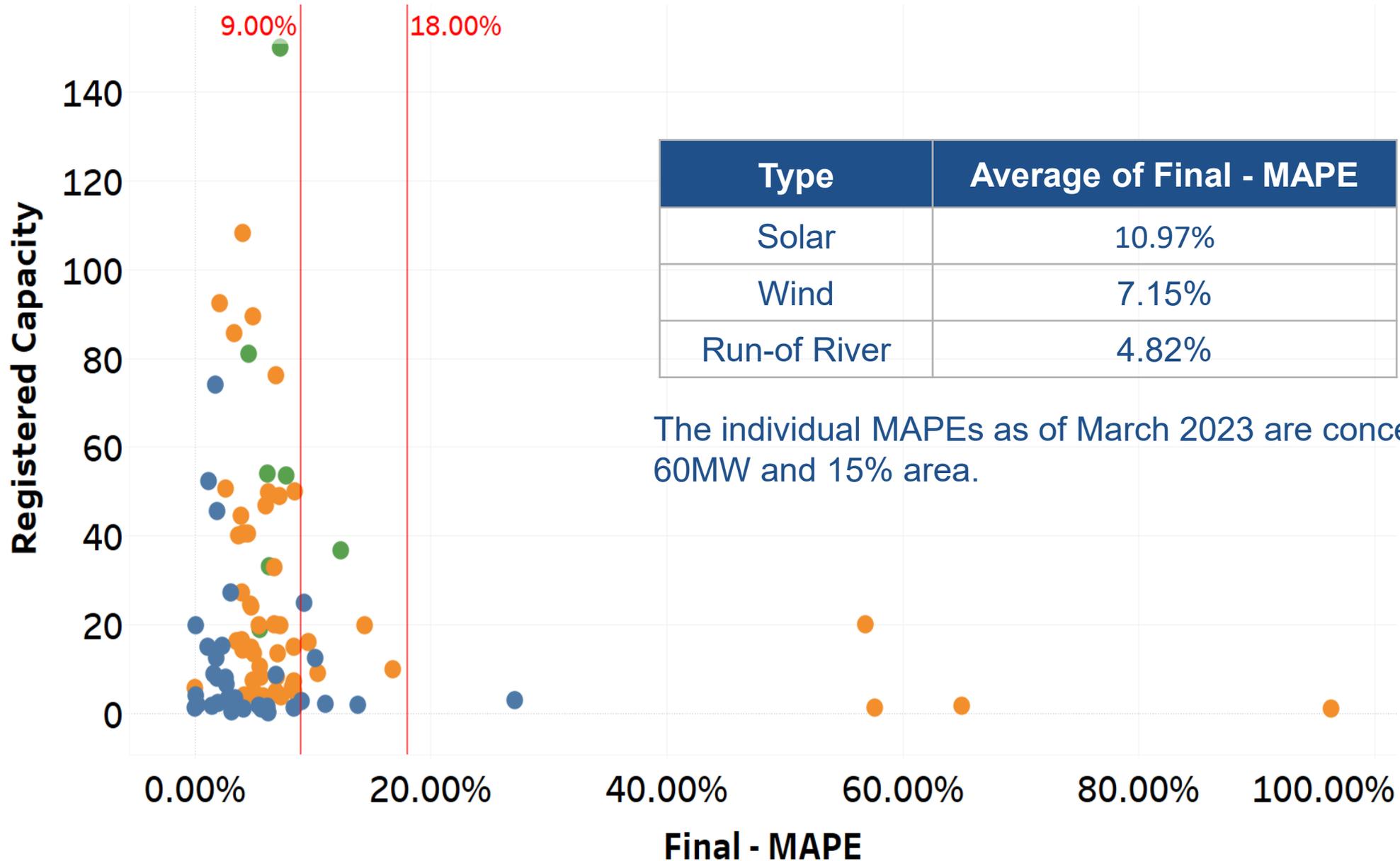


■ PASSED ■ FAILED



- 81 out of 91 facilities being monitored performed within the MAPE standards while 5 failed.
- 47 out of 51 Solar Power Plants, 7 out of 7 Wind Power Plants, and 27 out of 33 Run-of-River Power Plants passed the MAPE standards

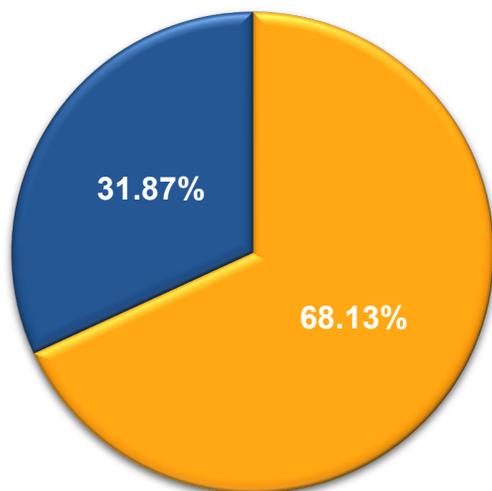
# MAPE DISTRIBUTION



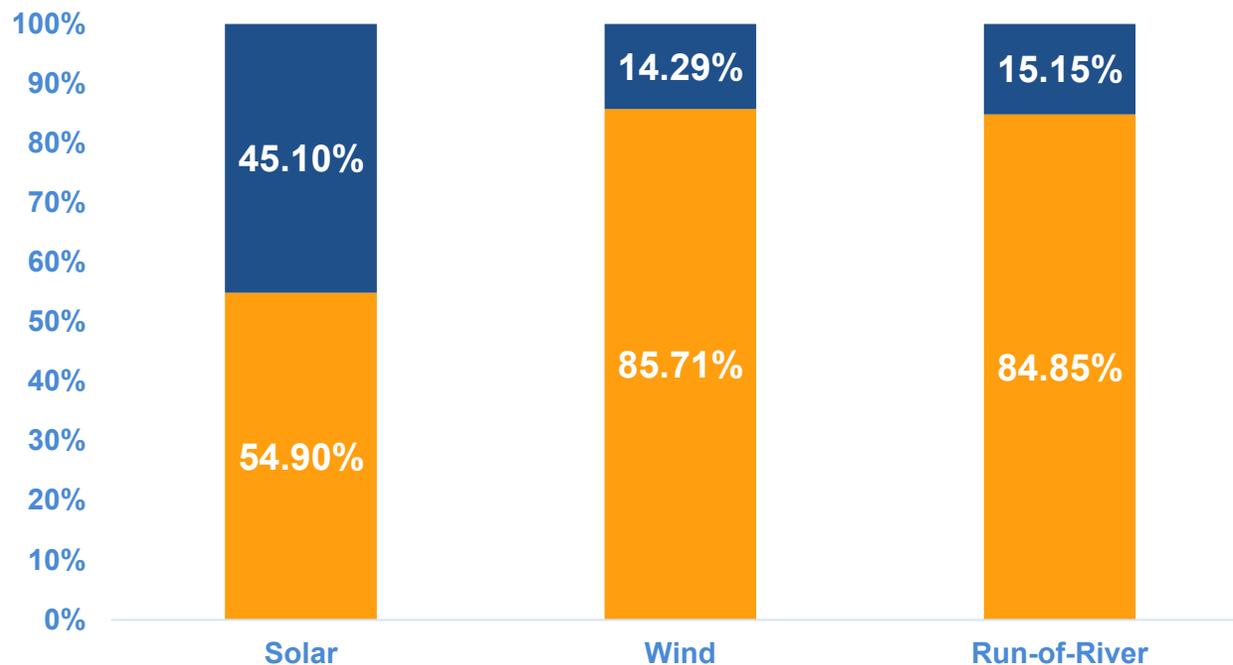
# MARCH 2023 FINAL FAS REPORT (OVERALL PASSING RATE)

## PERC95

PERC95 - FINAL

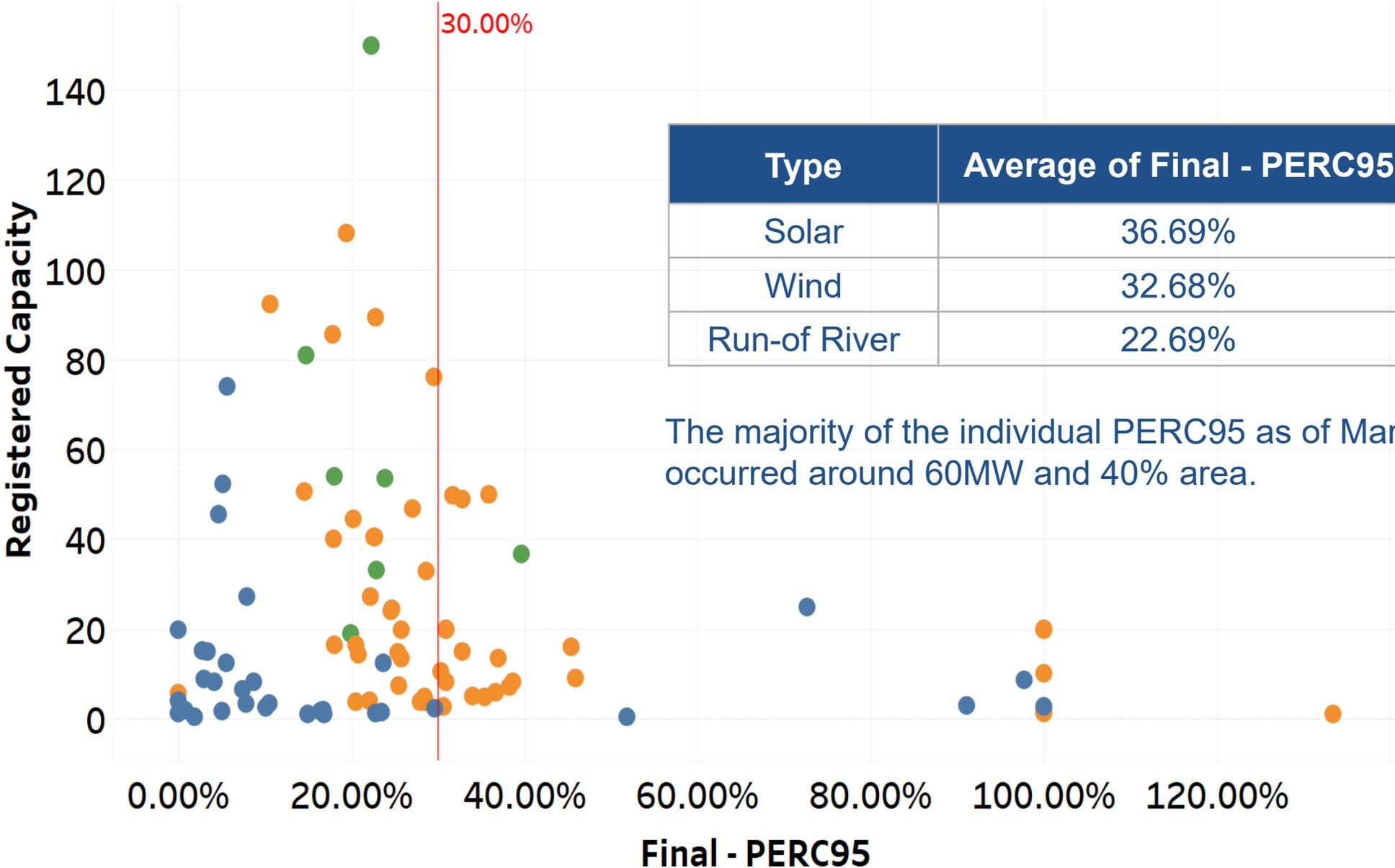


■ PASSED ■ FAILED



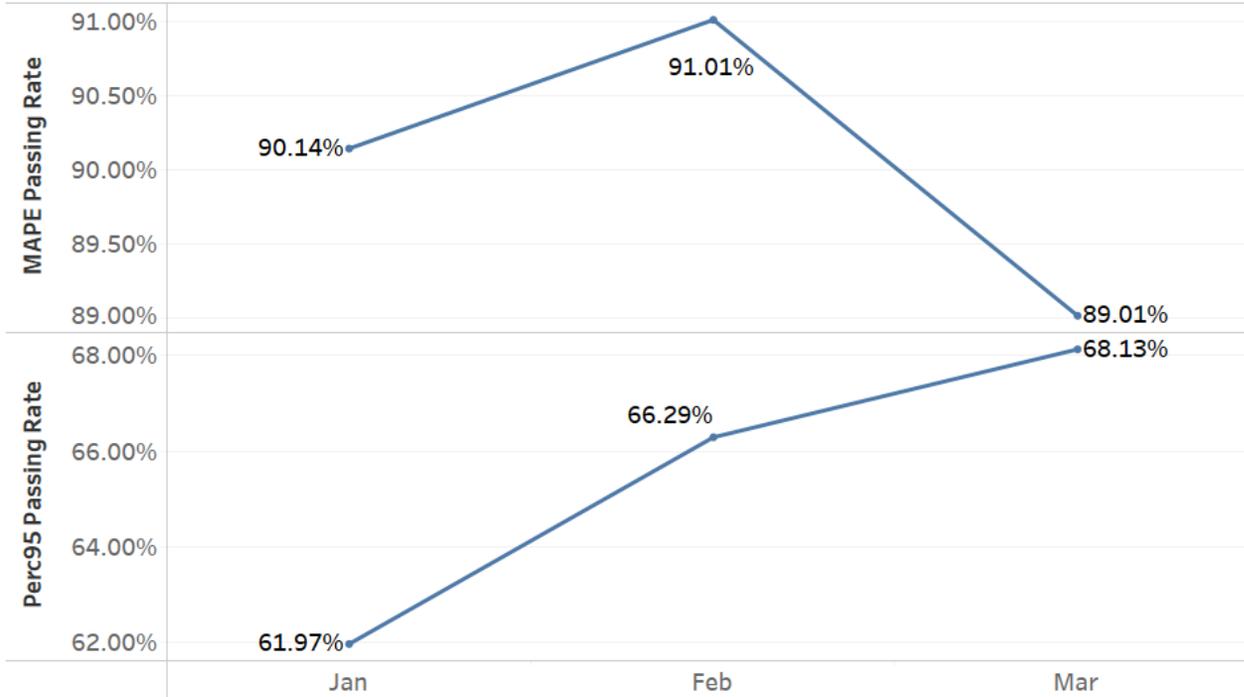
- 62 out of 91 facilities being monitored performed within the PERC95 standards while 29 failed.
- 28 out of 51 Solar Power Plants, 6 out of 7 Wind Power Plants, and 28 out of 33 Run-of-River Power Plants passed the PERC95 standards.

# PERC95 DISTRIBUTION



# 2023 PASSING RATE TREND

Passing Rate Trend

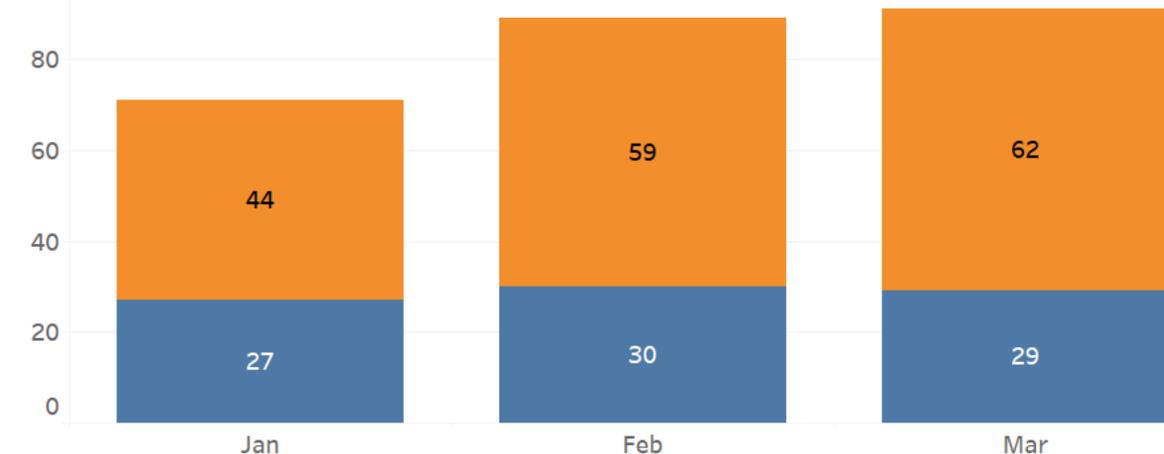


- The MAPE Passing Rate Trend declined from 91.01% in February 2023 to 89.01% as of March 2023.
- The PERC95 Passing Rate continuously increasing since January 2023, from 61.97% to 68.13% as of March 2023.

MAPE Count of Facilities



PERC95 Count of Facilities



# REQUESTED ACTION

# FOR INFORMATION

# Connect with PEMC



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