



Philippine Electricity
Market Corporation

FORECAST ACCURACY STANDARDS

March 2023 Final FAS Result

22 June 2023 | MS Teams

REQUESTED ACTION

FOR INFORMATION

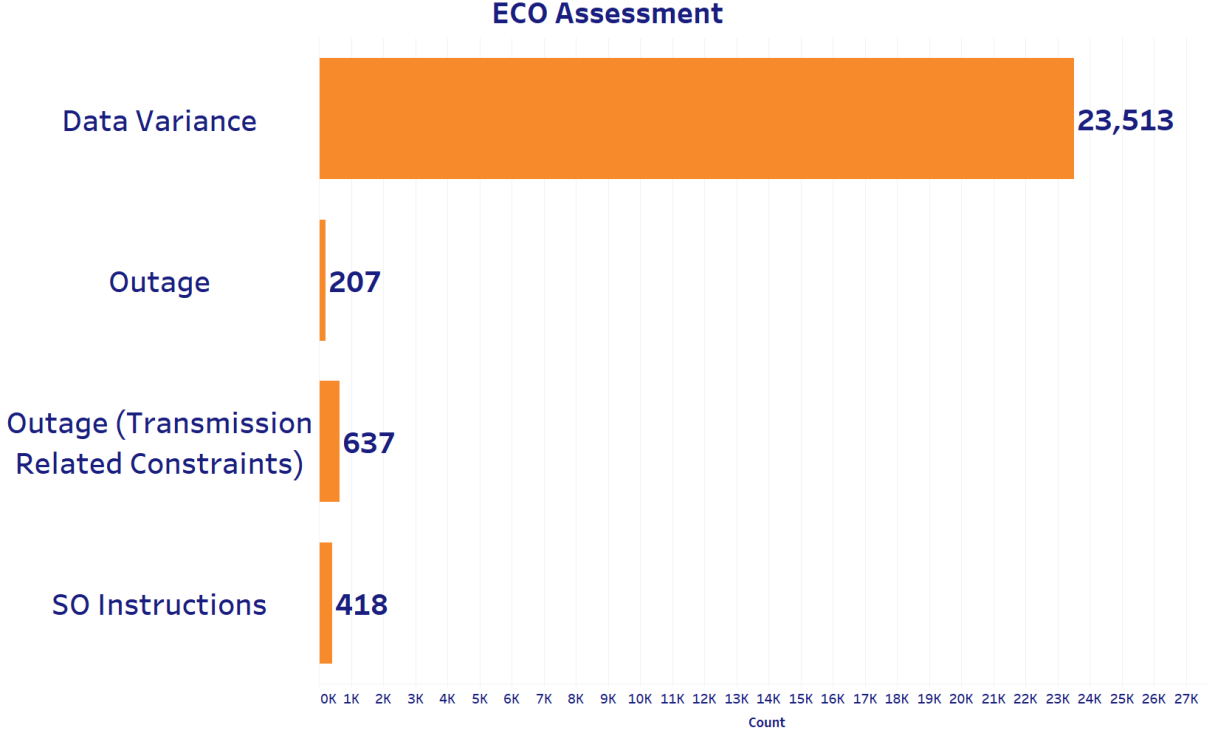
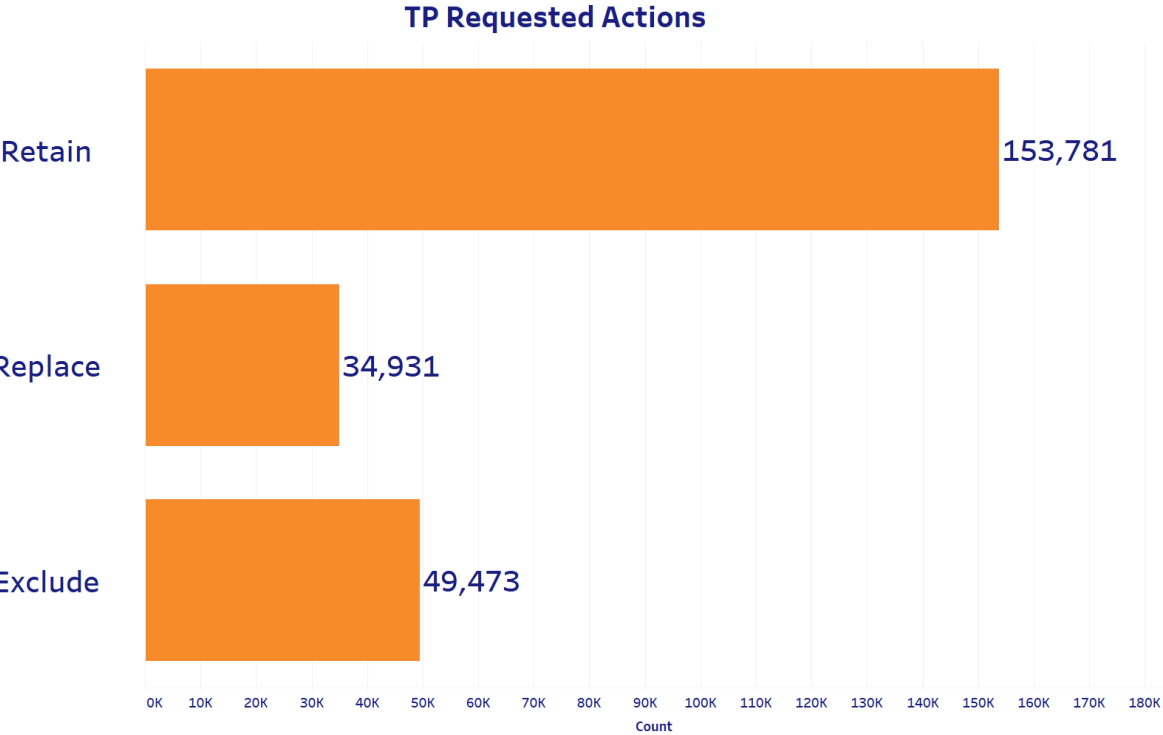
MONTHLY FAS RESULT AS OF MAR 2023

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
On Commercial Operations/With FCATC				
Run of River	17	2	14	33
Solar	34	12	5	51
Wind	5	2		7
Total	56	16	19	91

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

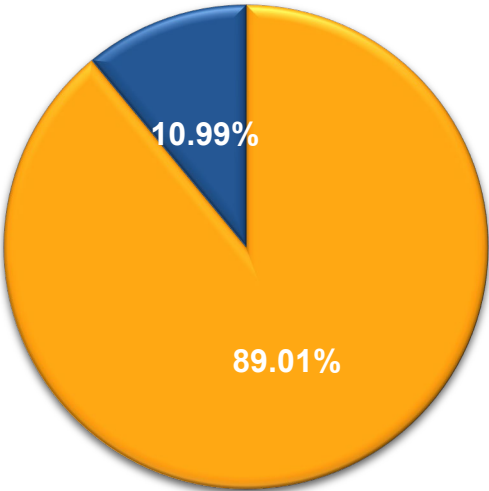


- ECO received a total of **49,473** intervals requesting exclusion and a total of **34,931** intervals requesting replacement due to possible Data Variance.
- The ECO also received a total of **153,781** intervals to retain results.
- Out of **49,473** intervals requesting exclusion, the ECO accepts **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).

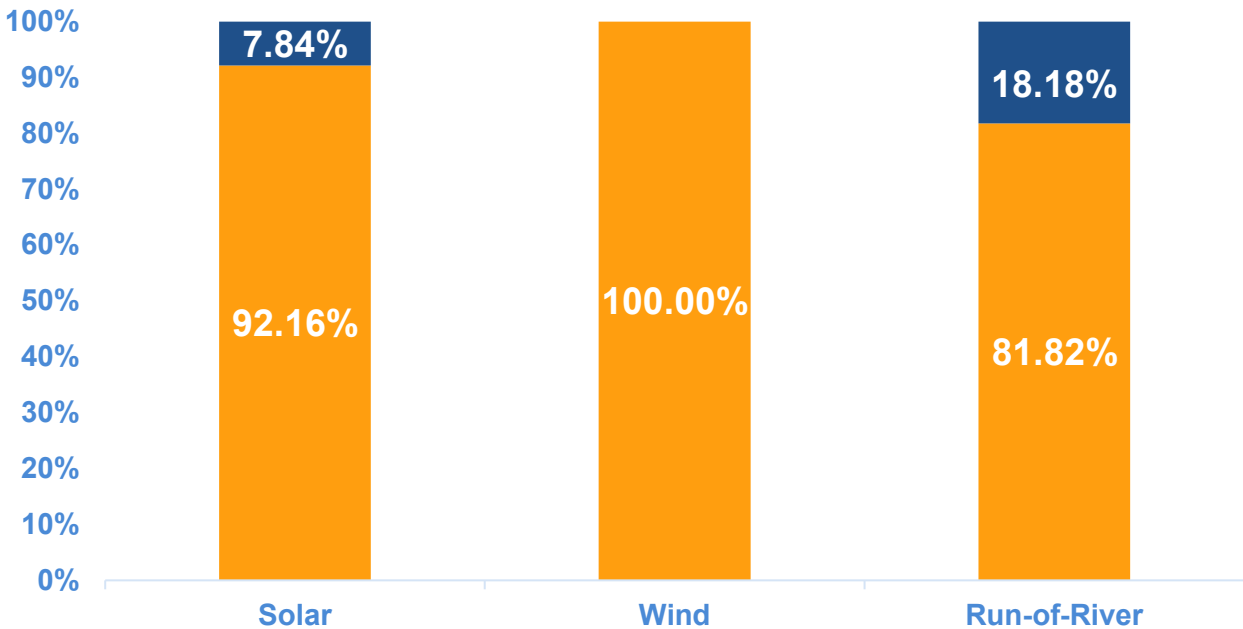
MARCH 2023 FINAL FAS RESULT (OVERALL PASSING RATE)



MAPE - FINAL

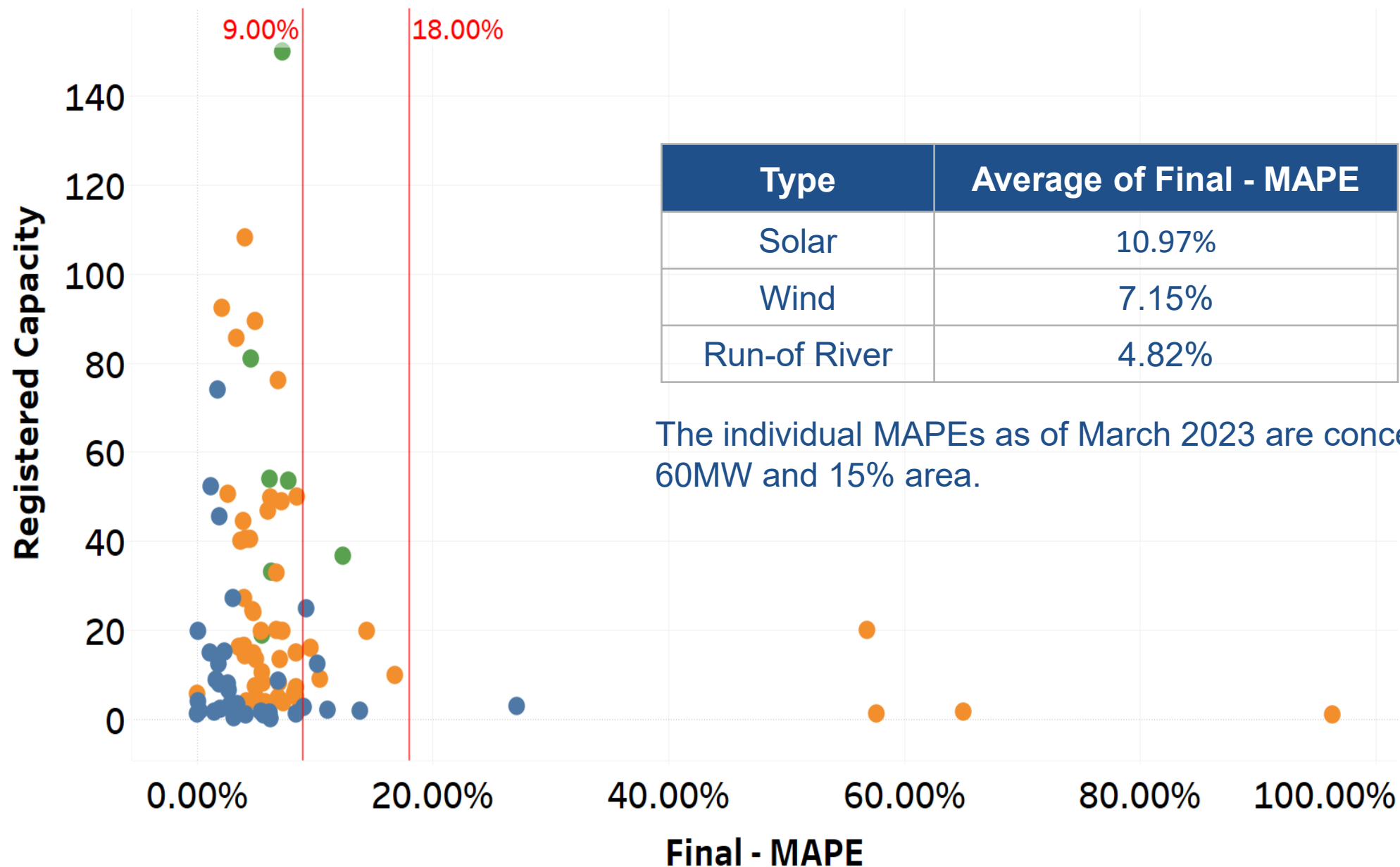


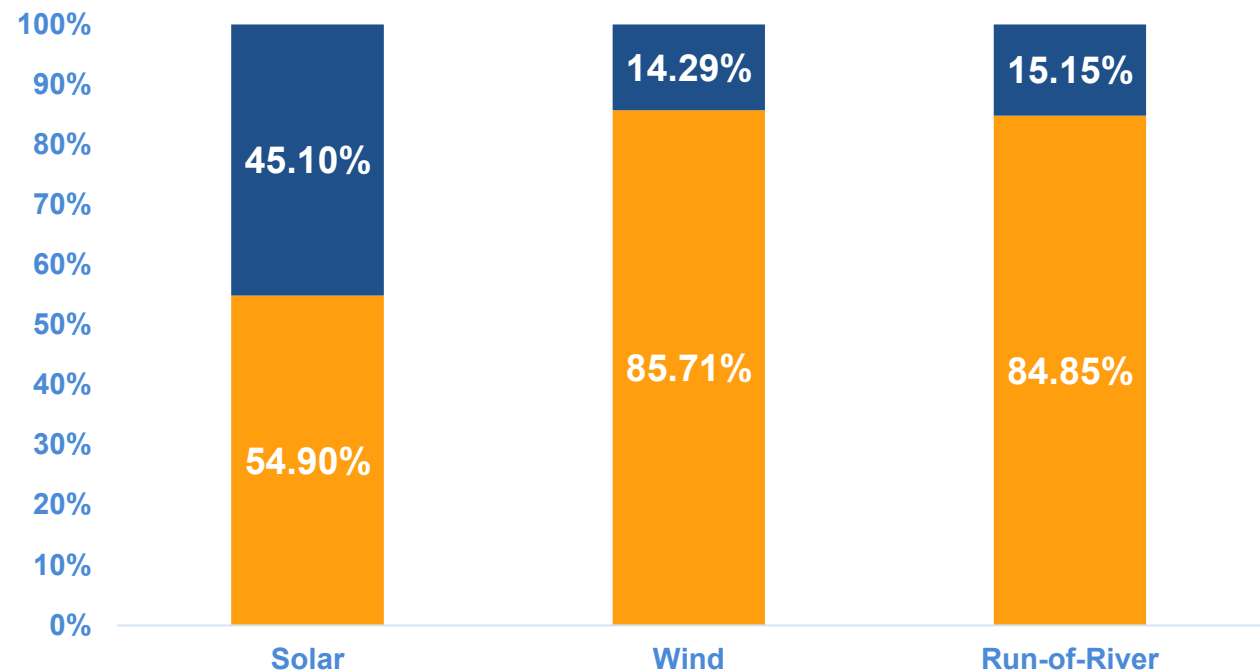
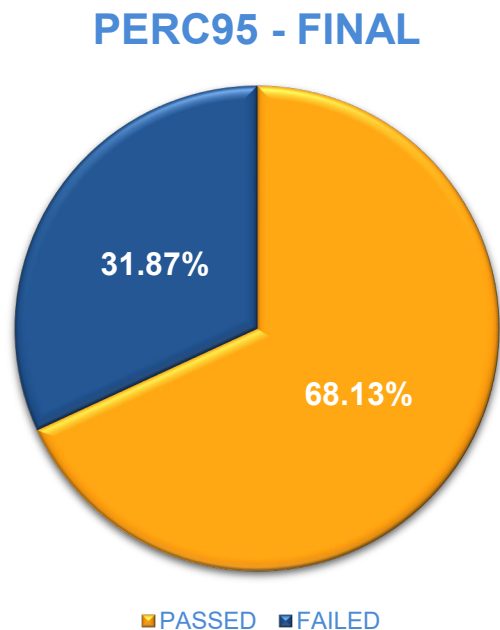
■ PASSED ■ FAILED



- 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

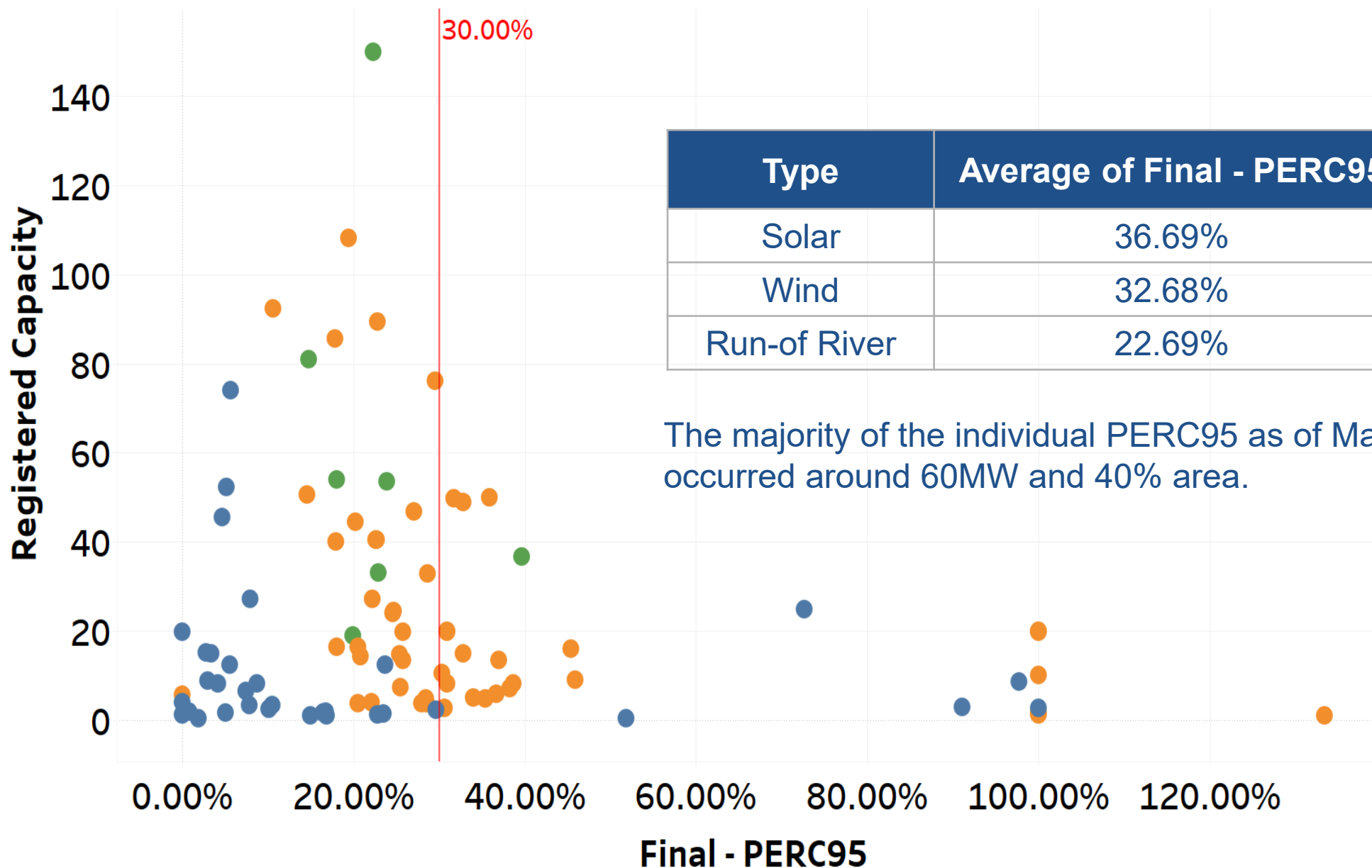
MAPE DISTRIBUTION





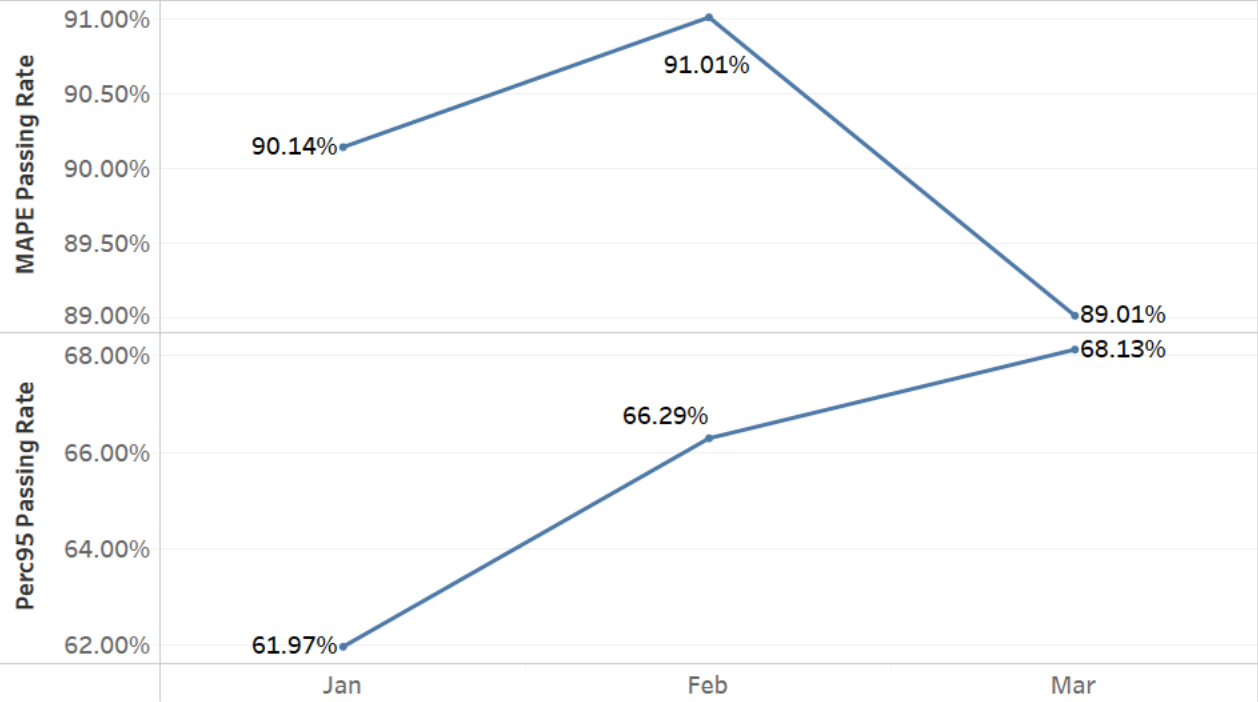
- 62 out of 91 facilities being monitored performed within the PERC95 standards while 29 failed.
- 28 out of 51 Solar Power Plants, 6 out of 7 Wind Power Plants, and 28 out of 33 Run-of-River Power Plants passed the PERC95 standards.

PERC95 DISTRIBUTION



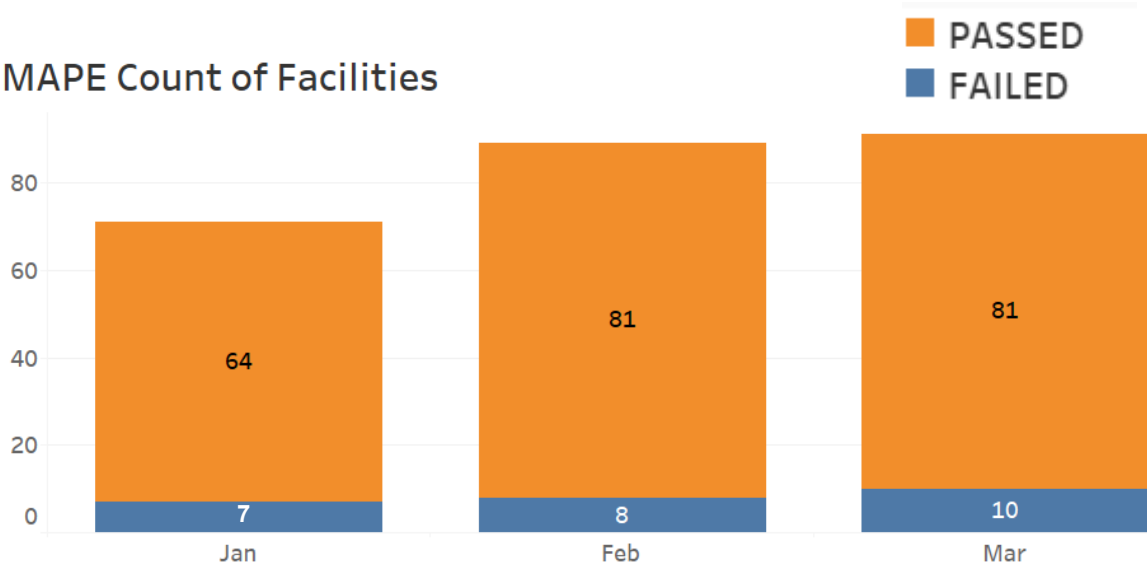
2023 PASSING RATE TREND

Passing Rate Trend

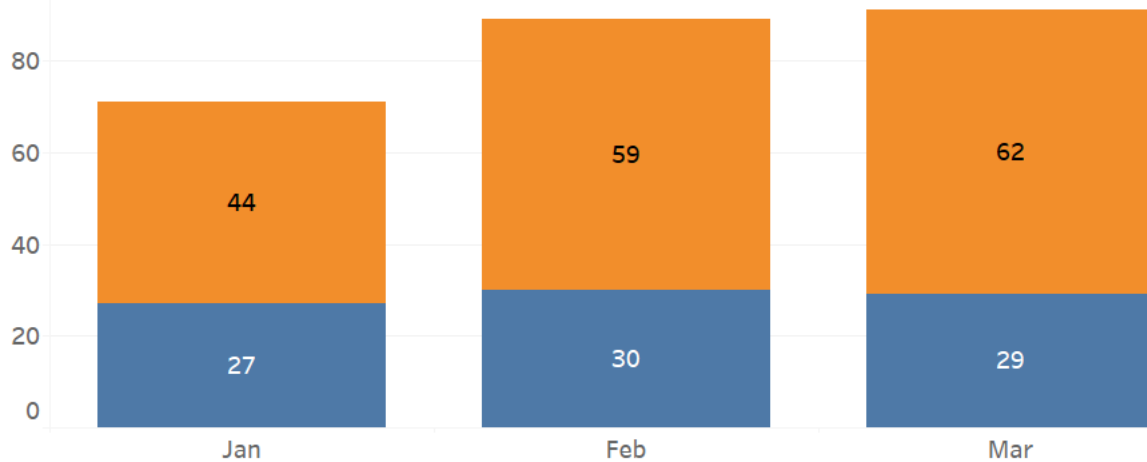


- The MAPE Passing Rate Trend declined from 91.01% in February 2023 to 89.01% as of March 2023.
- The PERC95 Passing Rate continuously increasing since January 2023, from 61.97% to 68.13% as of March 2023.

MAPE Count of Facilities



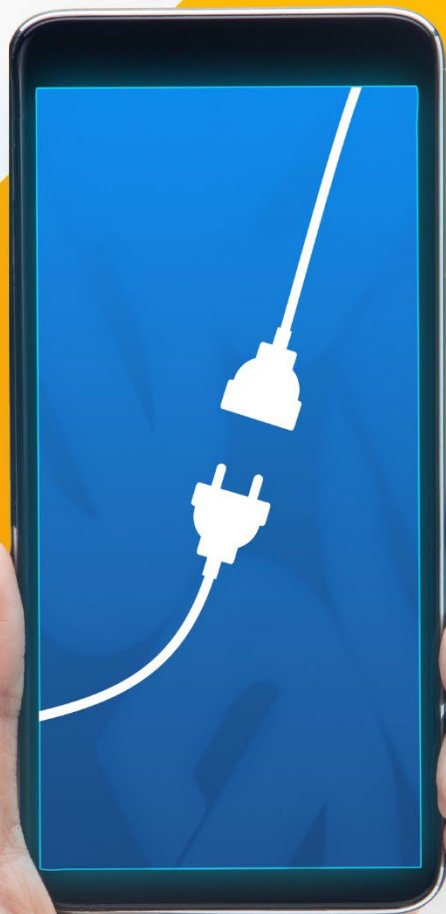
PERC95 Count of Facilities



REQUESTED ACTION

FOR INFORMATION

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