



Philippine Electricity  
Market Corporation

# MONTHLY FORECAST ACCURACY STANDARDS RESULT

February 2024 FAS Result

22 May 2024 | MS Teams

# REQUESTED ACTION

## FOR INFORMATION

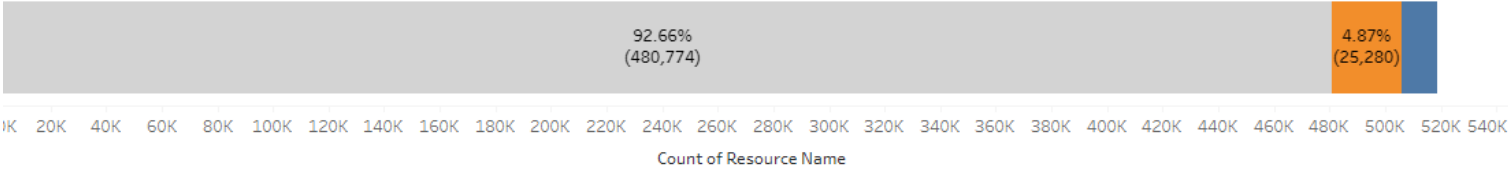
## SUMMARY OF WESM REGISTRATION ON MUST DISPATCH GENERATING UNITS

Technology	No. of Resources in Luzon	No. of Resources in Visayas	No. of Resources in Mindanao	Total
Run of River	18	3	14	35
Solar	37	11	5	53
Wind	5	2	0	7
<b>Total</b>	<b>60</b>	<b>16</b>	<b>19</b>	<b>95</b>

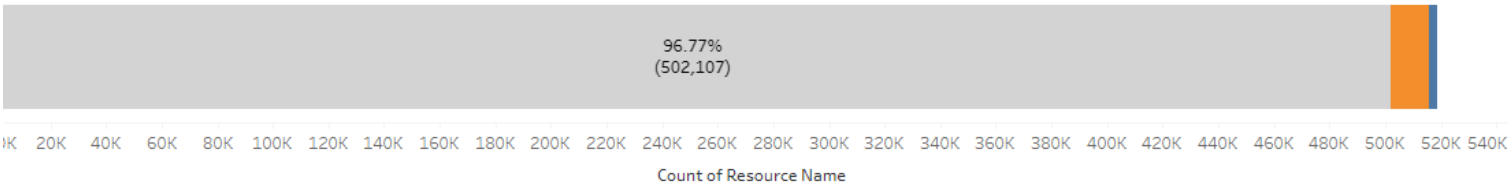
- As of February 2024, there are **105** facilities registered as MDGU in the WESM. From the registered facilities, **95** facilities from Luzon, Visayas, and Mindanao regions are being monitored, **10** facilities are under test and commissioning.

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

Requested Actions by Billing Month

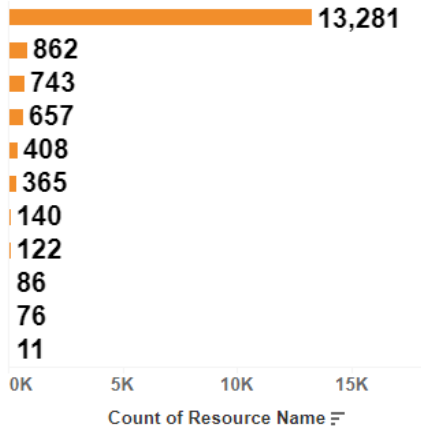


ECO Assessment by Billing Month



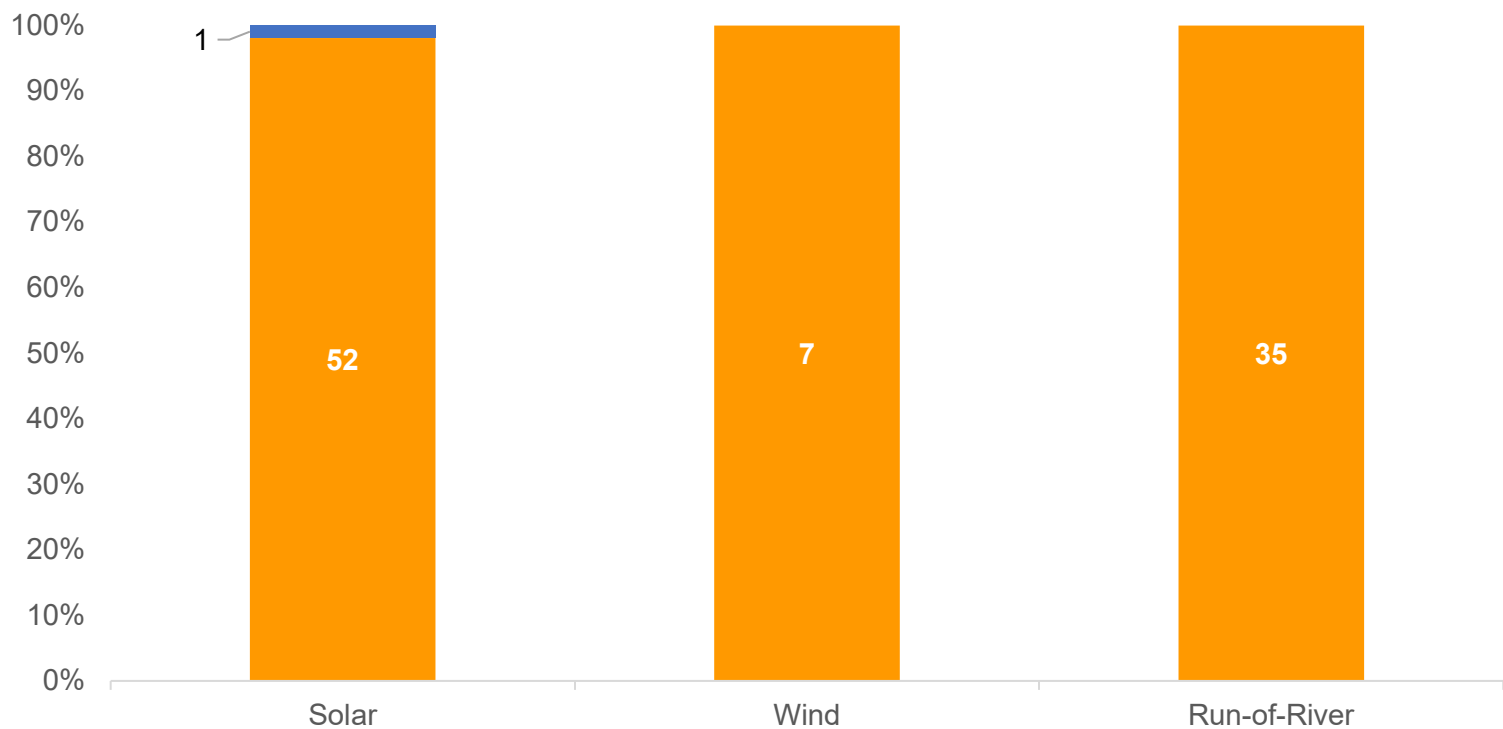
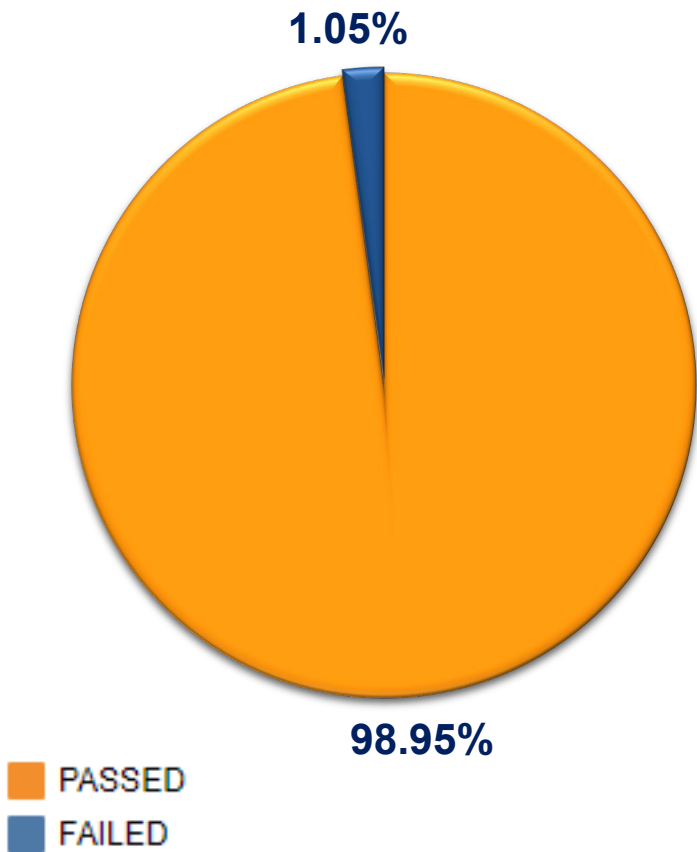
Event Categories

Data Variance (MQ)  
Outage (Preventive Maintenance)  
Outage (Component Unit/s)  
Outage  
Outage (Distribution Line-Related Constraints/Activity)  
Outage (Transmission Line-Related Constraints/Activity)  
Outage (NGCP preventive maintenance)  
Market Intervention/Suspension  
Data Variance (IL, MQ)  
Data Variance (PO)  
Market System Constraints



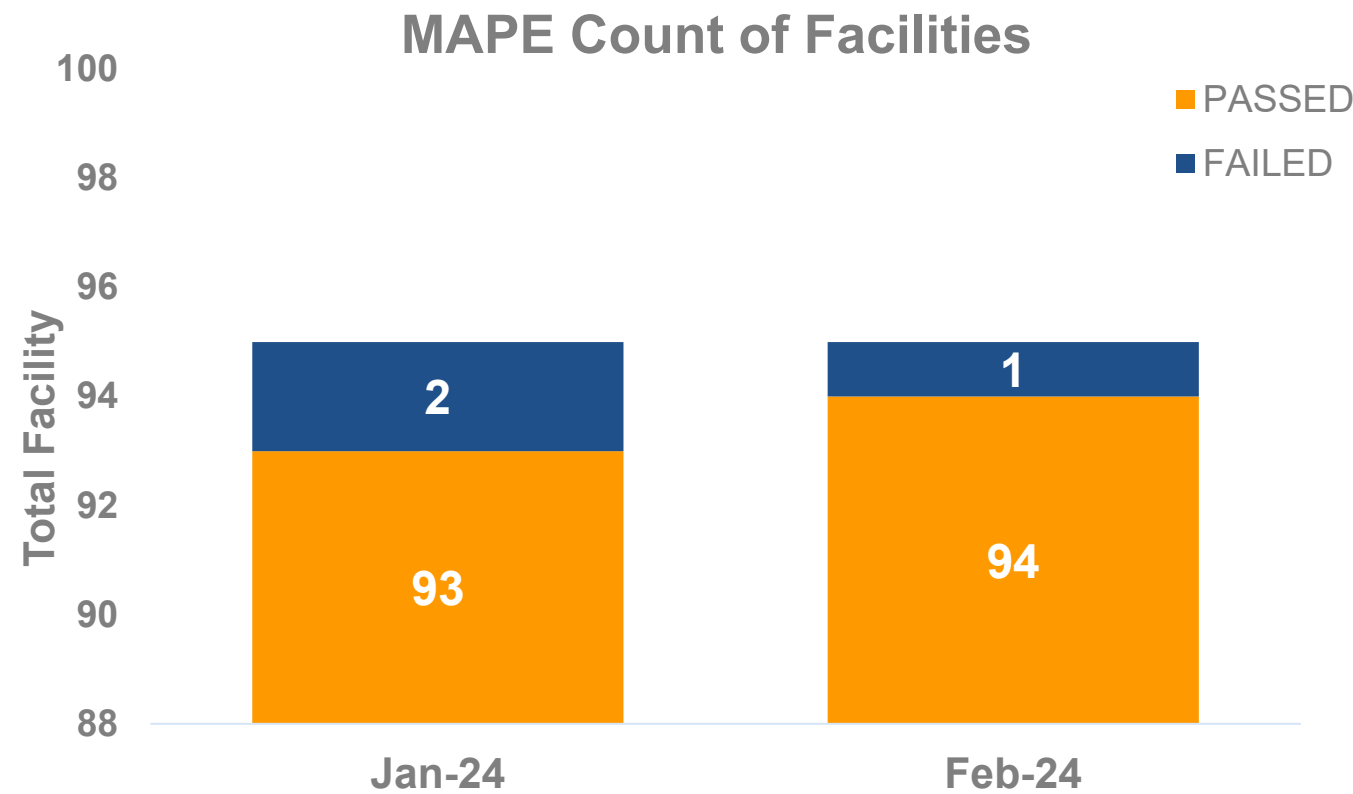
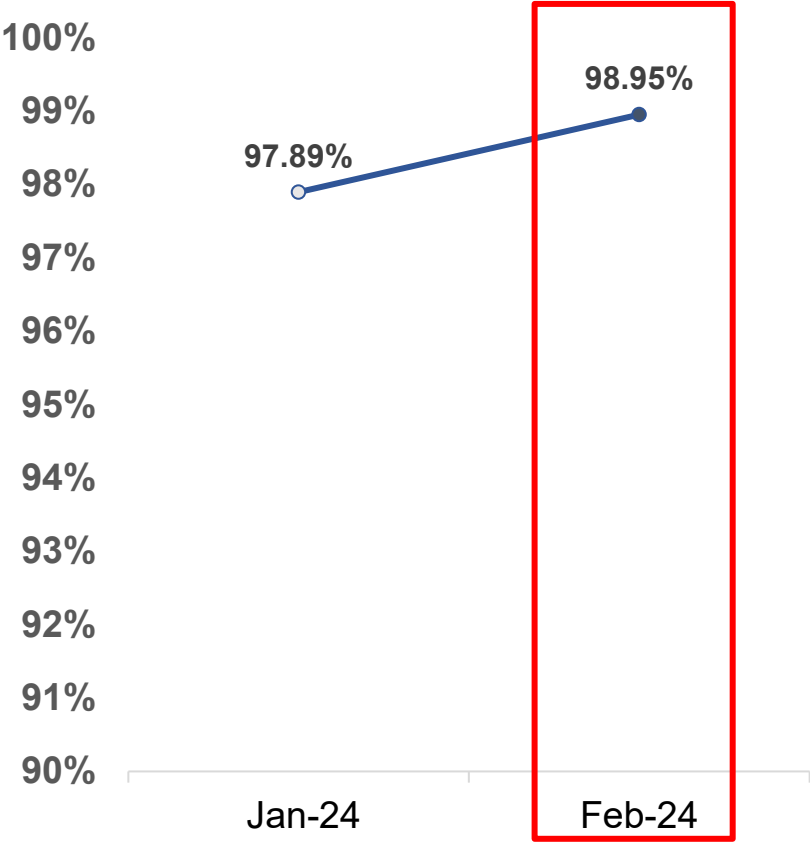
- ECO received a total of **25,280** intervals requesting replacement due to possible Data Variance and a total of **12,804** intervals requesting exclusion. The ECO also received a total of **480,774** intervals to retain results.
- Out of **25,280** intervals requesting data replacement, **13,443** intervals were confirmed to be Data Variance (**53.18%** of the intervals for replacement).
- Out of **12,804** intervals requesting exclusion, the ECO accepts **3,308** intervals (**25.84%** of the total intervals for exclusion).

# FEBRUARY 2024 FINAL FAS REPORT (OVERALL PASSING RATE)



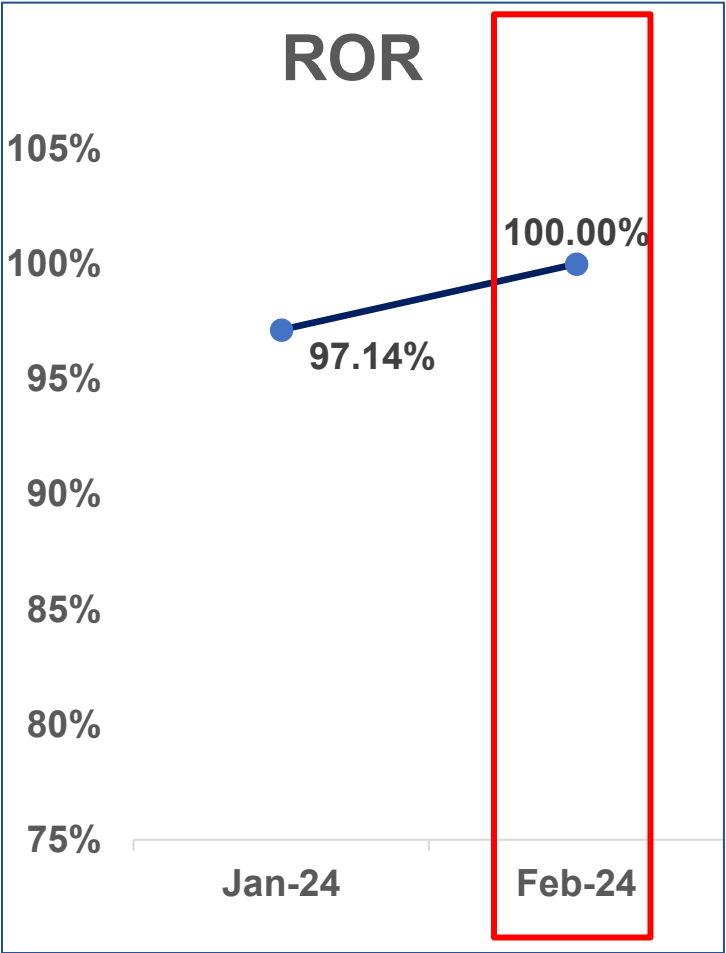
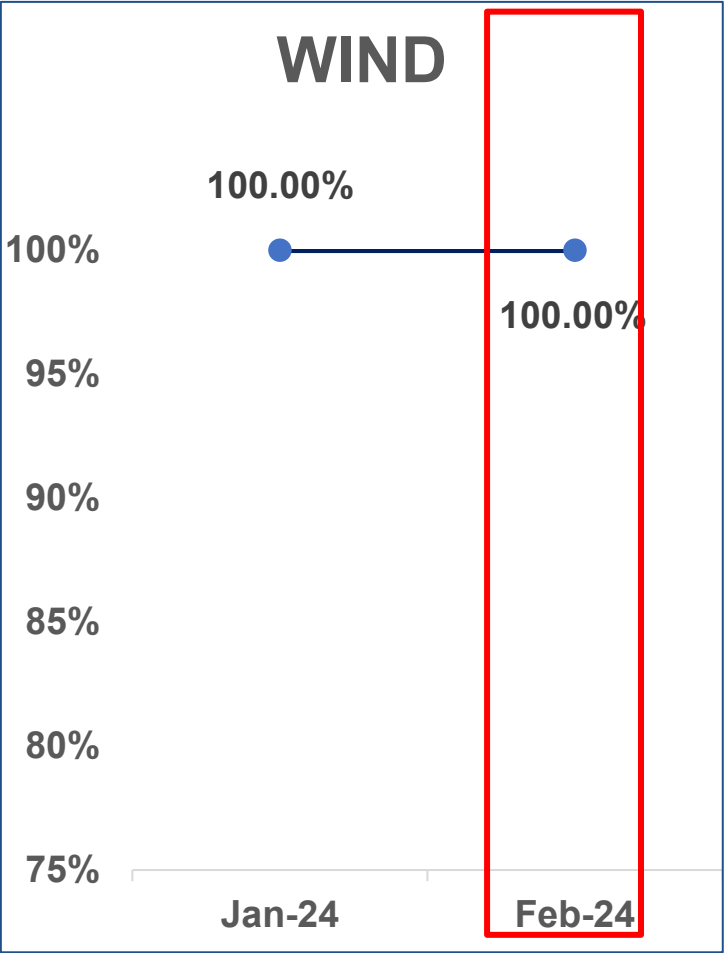
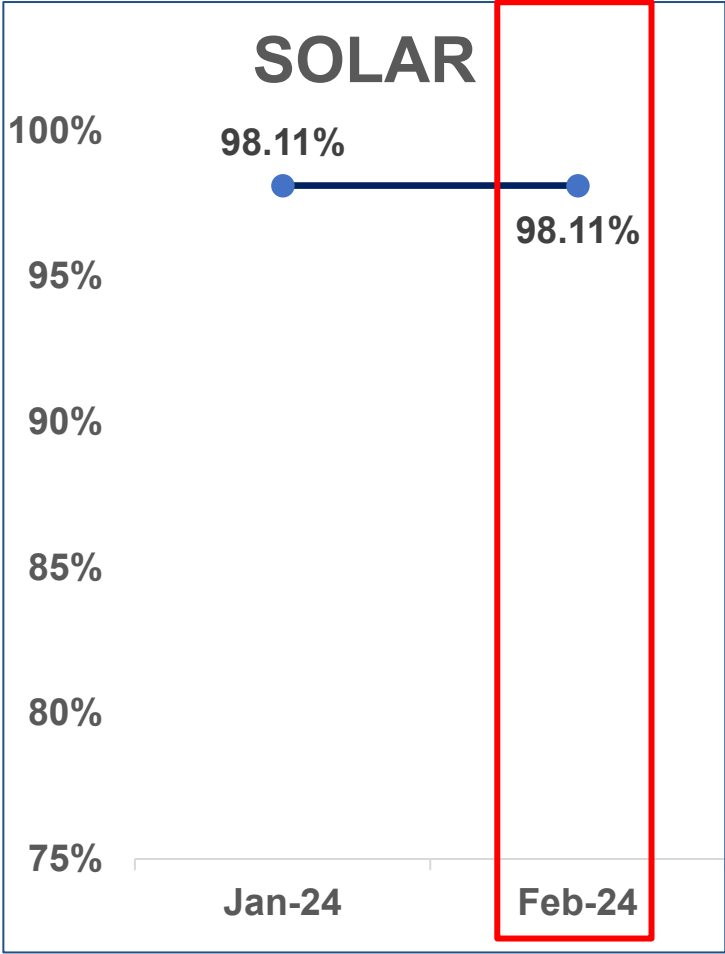
- 94 out of 95 facilities being monitored performed within the MAPE standards while 1 failed.
- 52 out of 53 Solar Power Plants, 7 out of 7 Wind Power Plants passed the MAPE standards, and 35 out of 35 Run-of-River Power Plants.

# PASSING RATE TREND – MAPE FINAL RESULT



- For the February 2024 billing period, the passing rate for MAPE increased to 98.95% from the January 2024 passing rate of 97.89%. This increase is driven by the improved performance of one (1) ROR facility in Mindanao.

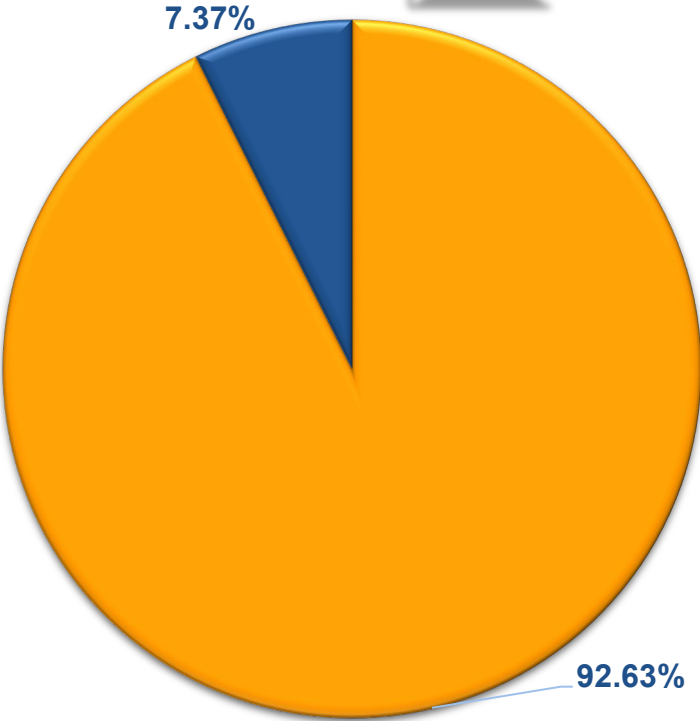
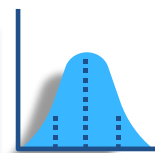
# PASSING RATE TREND PER TECHNOLOGY – MAPE



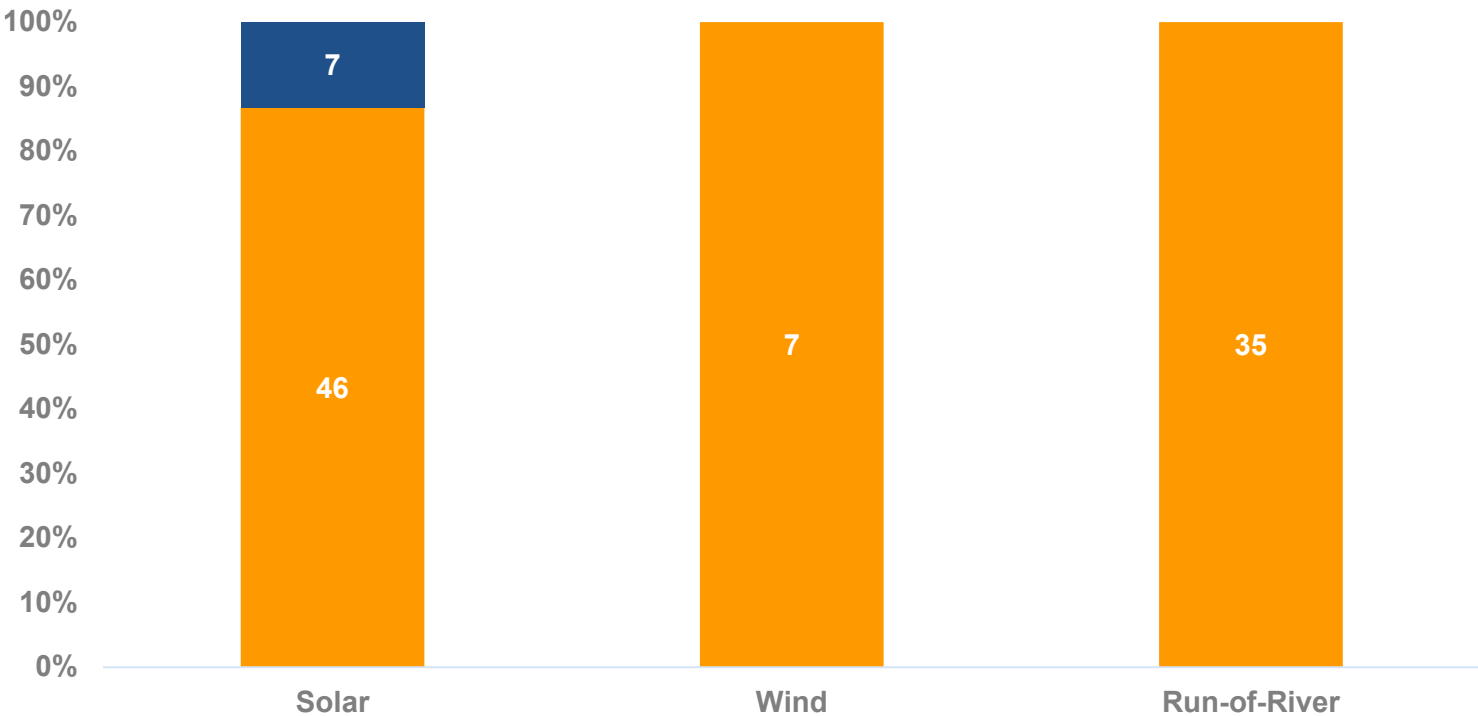
- As of February 2024 Billing Period, the passing rates of Solar, Wind and ROR Power Plants from the final result are **98.11%**, **100.00%** and **100.00%**, respectively.

# FEBRUARY 2024 FINAL FAS REPORT (OVERALL PASSING RATE)

PERC95



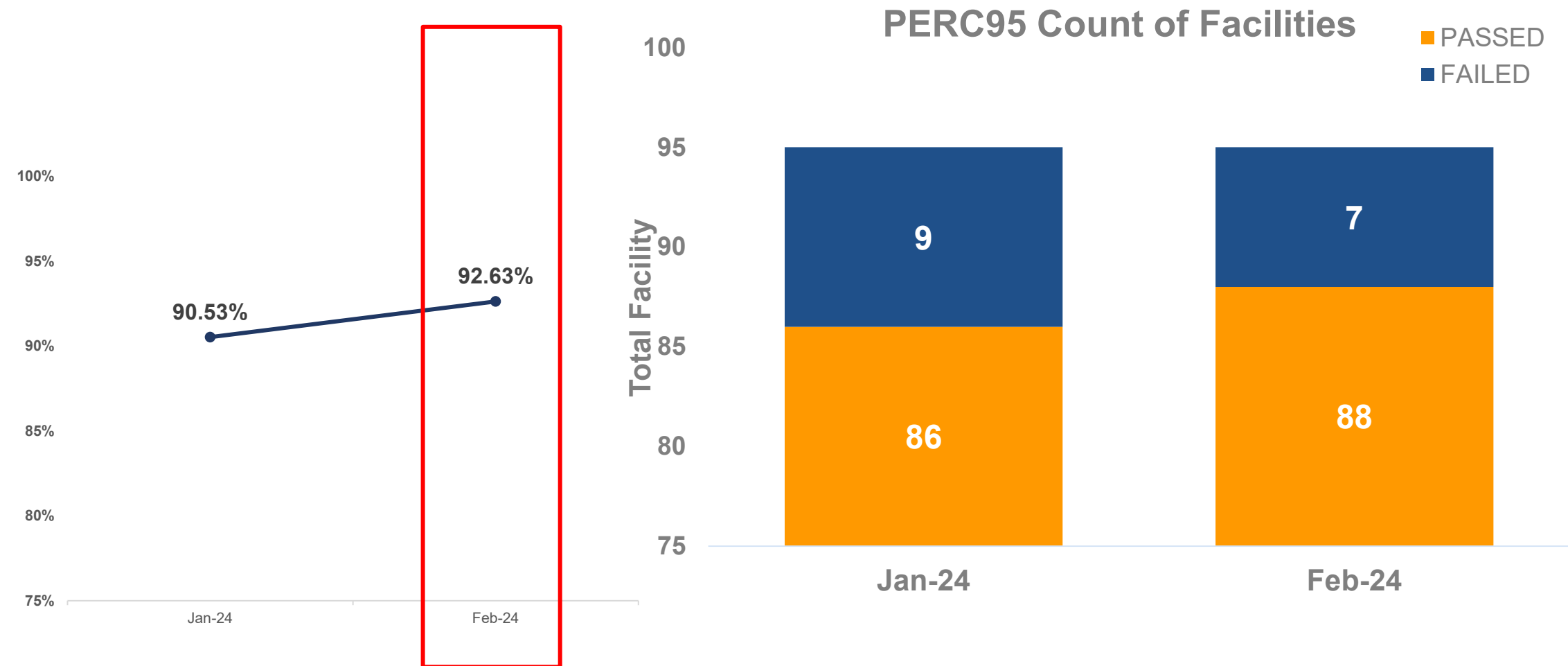
■ PASSED  
■ FAILED



- 88 out of 95 facilities being monitored performed within the PERC95 standards, while 7 failed.
- 46 out of 53 Solar Power Plants, 7 out of 7 Wind Power Plants, and 35 out of 35 Run of River Power Plants passed the PERC95 standards.

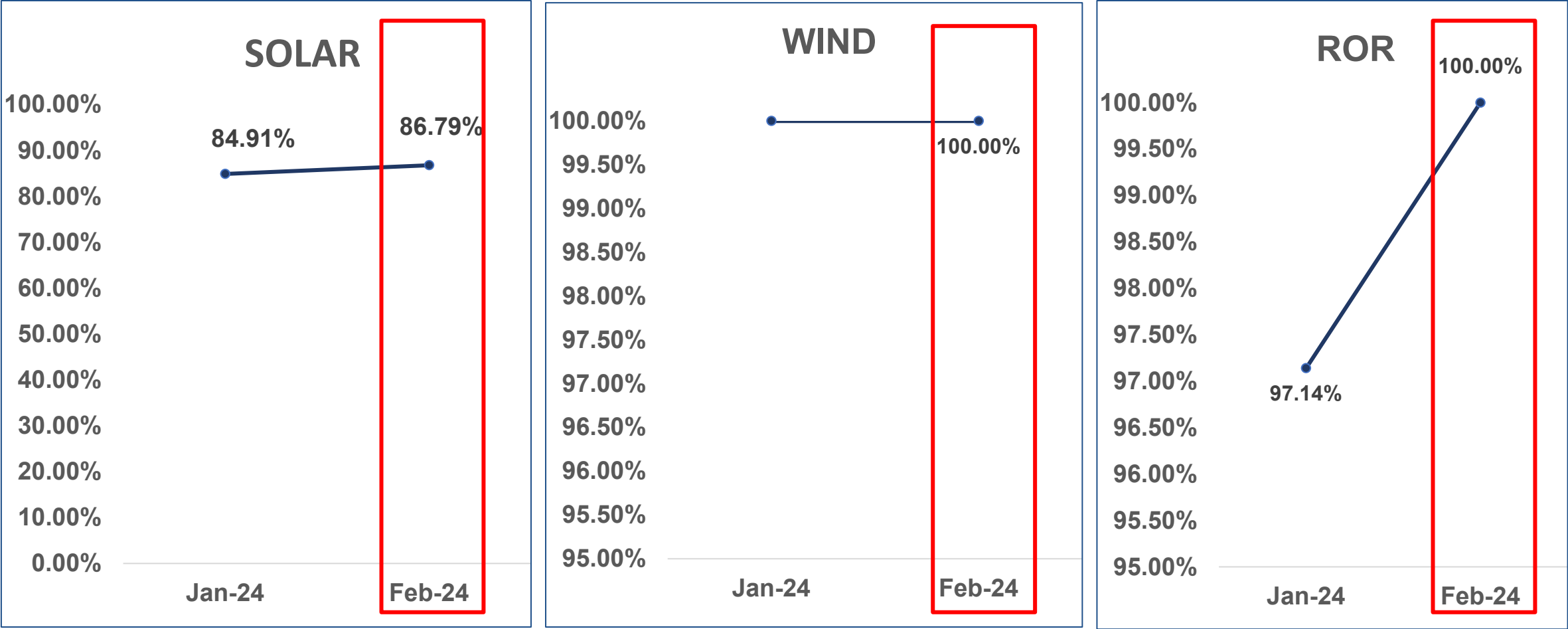


# PASSING RATE TREND – PERC95 FINAL RESULT



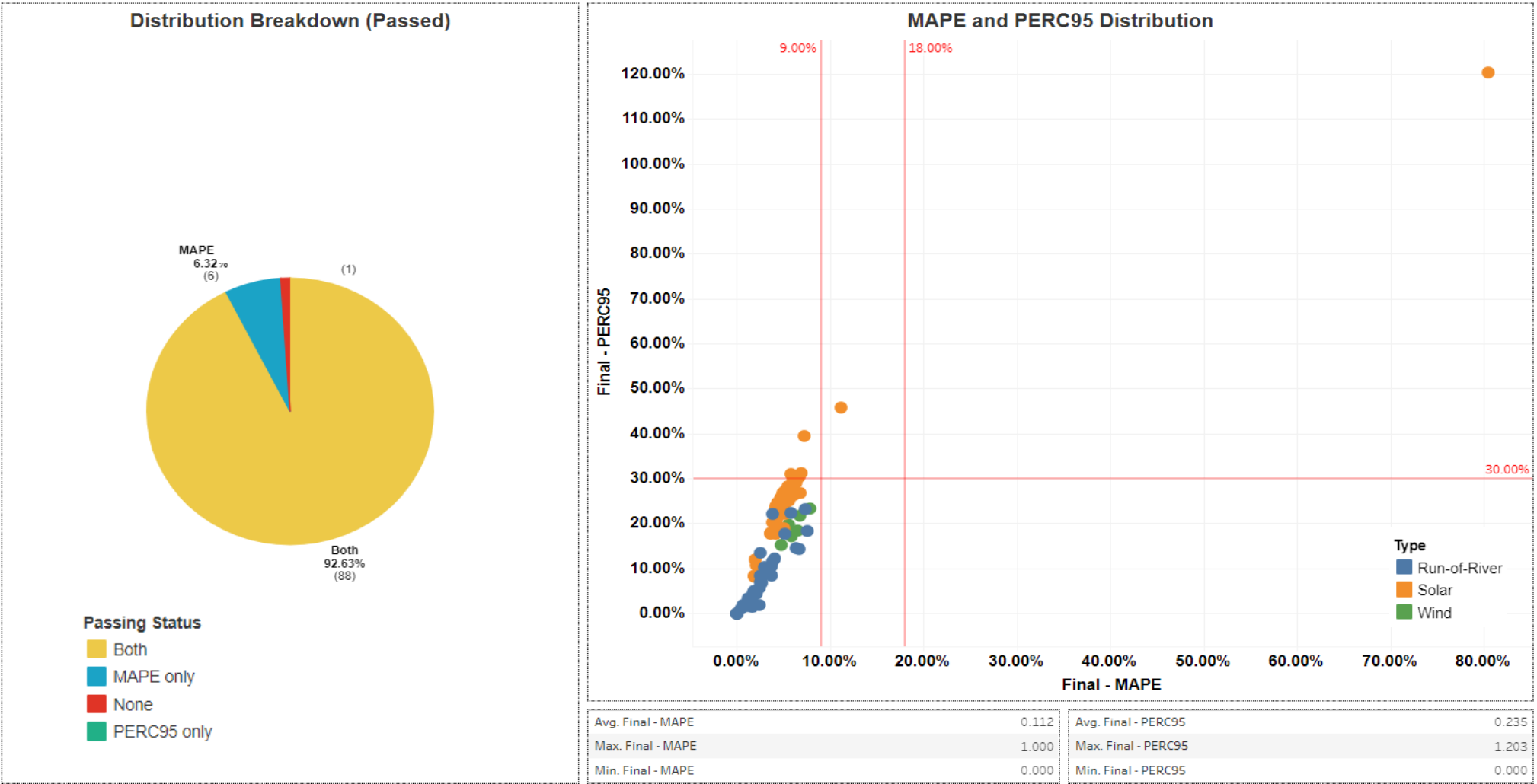
- The PERC 95 passing rate trend increased to 92.63% this February 2024, up from 90.53% in January 2024. This improvement was attributed to the better performance of one (1) ROR facility in Luzon and one (1) Solar facility in Visayas

# PASSING RATE TREND PER TECHNOLOGY – PERC95



- The passing rates of Solar, Wind and ROR Power Plants from the final result are **86.79%**, **100.00%** and **100%**, respectively.

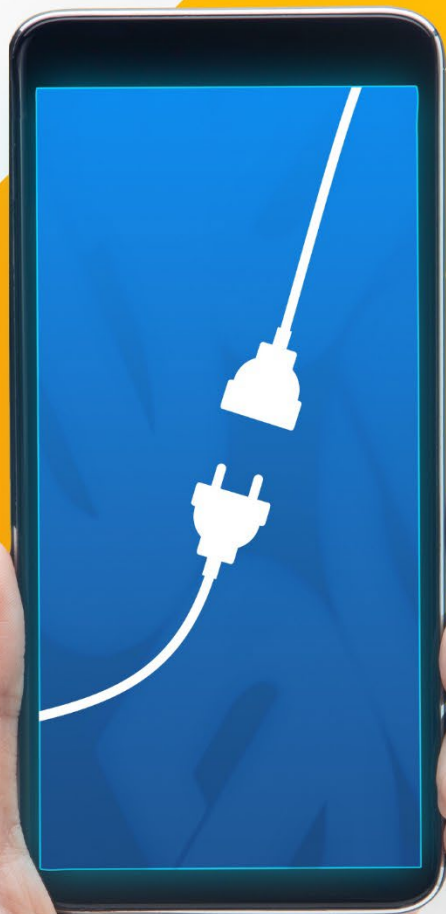
# FEBRUARY 2024 FINAL FAS REPORT (OVERALL PASSING RATE)



# REQUESTED ACTION

## FOR INFORMATION

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