



Philippine Electricity  
Market Corporation

# MONTHLY FORECAST ACCURACY STANDARDS RESULT

January 2024 FAS Result

23 April 2024 | MS Teams

# REQUESTED ACTION

## FOR INFORMATION

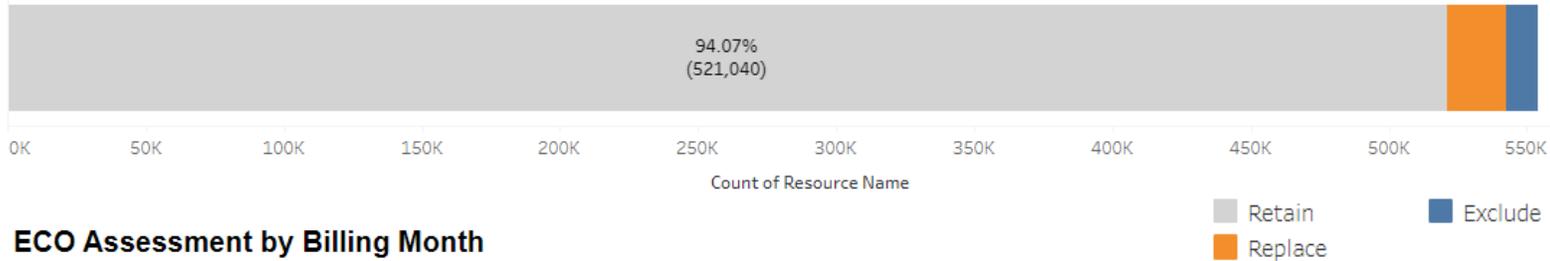
## SUMMARY OF WESM REGISTRATION ON MUST DISPATCH GENERATING UNITS

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>

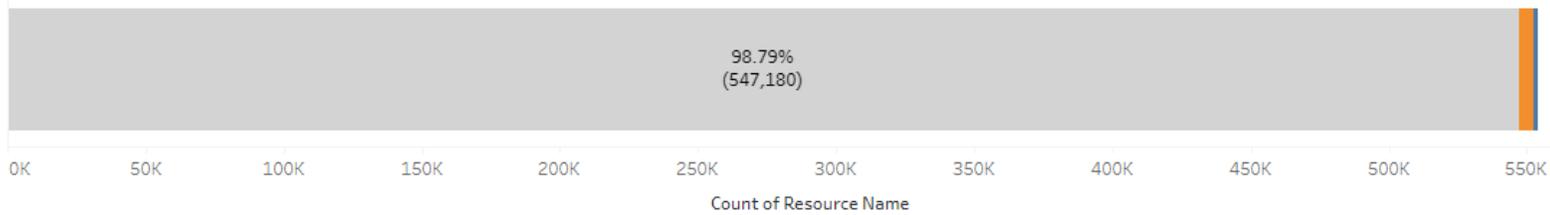
- As of January 2024, there are **105** facilities registered as MDGU in the WESM. From the registered facilities, **95** facilities from Luzon, Visayas, and Mindanao regions are being monitored, **10** facilities are under test and commissioning.

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

## Requested Actions by Billing Month



## ECO Assessment by Billing Month



## Event Categories

Data Variance (PO)

Data Variance (MQ)

Outage

Outage (Distribution Line-Related Constraints/Activity)

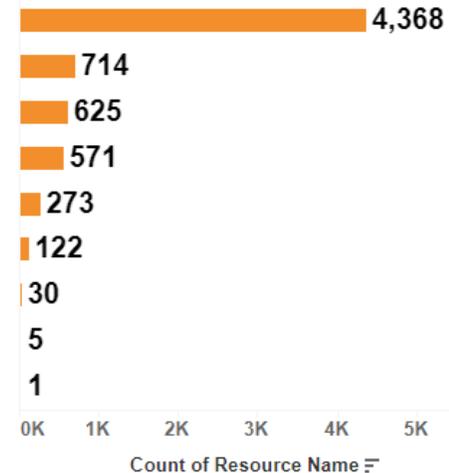
Outage (Transmission Line-Related Constraints/Activity)

Market Intervention/Suspension

Outage (Component Unit/s)

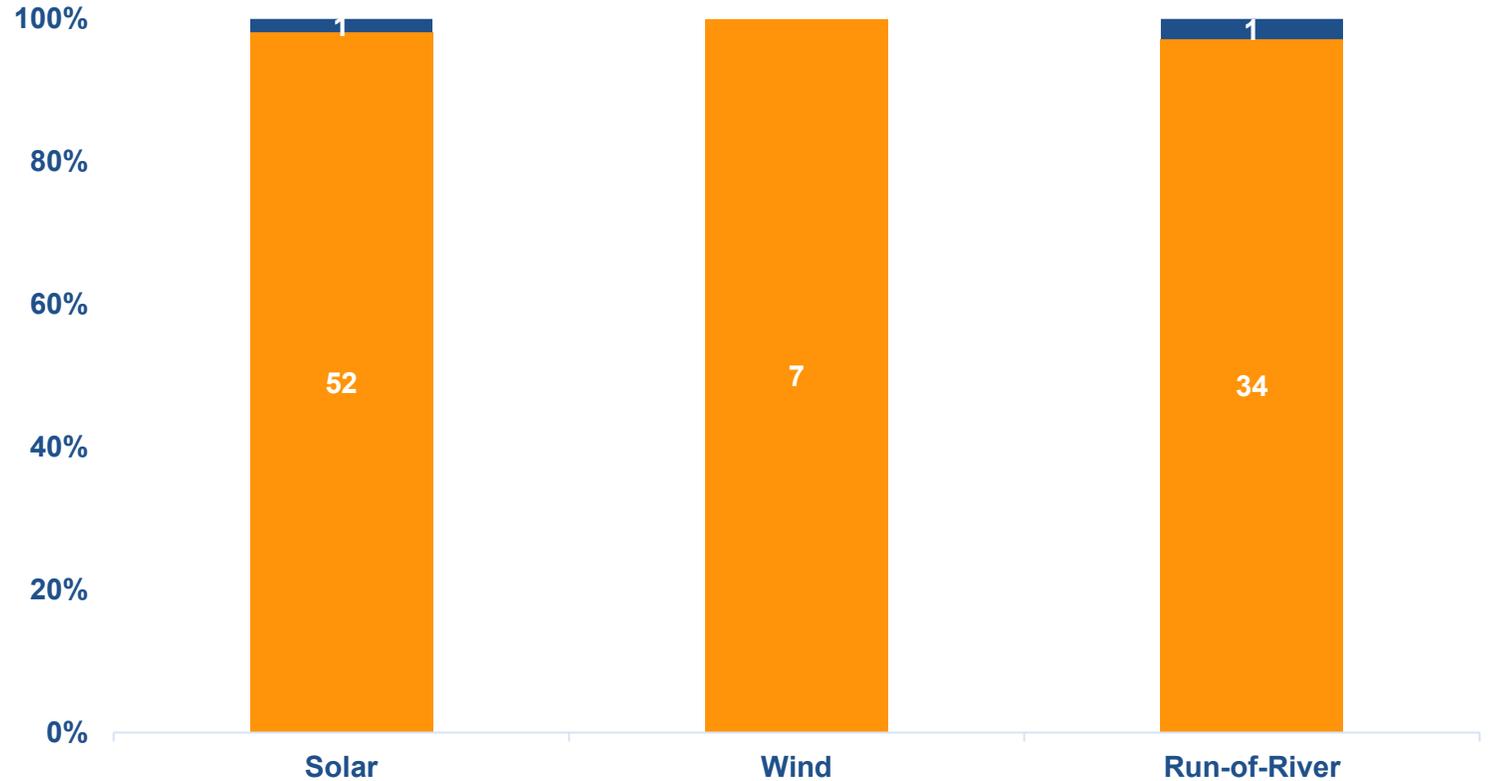
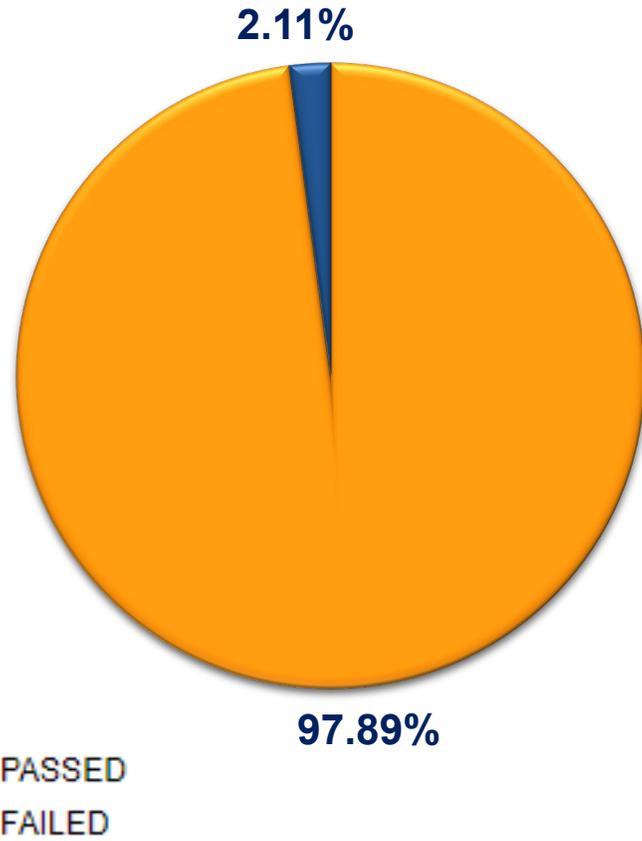
Outage (NGCP preventive maintenance)

Market System Constraints



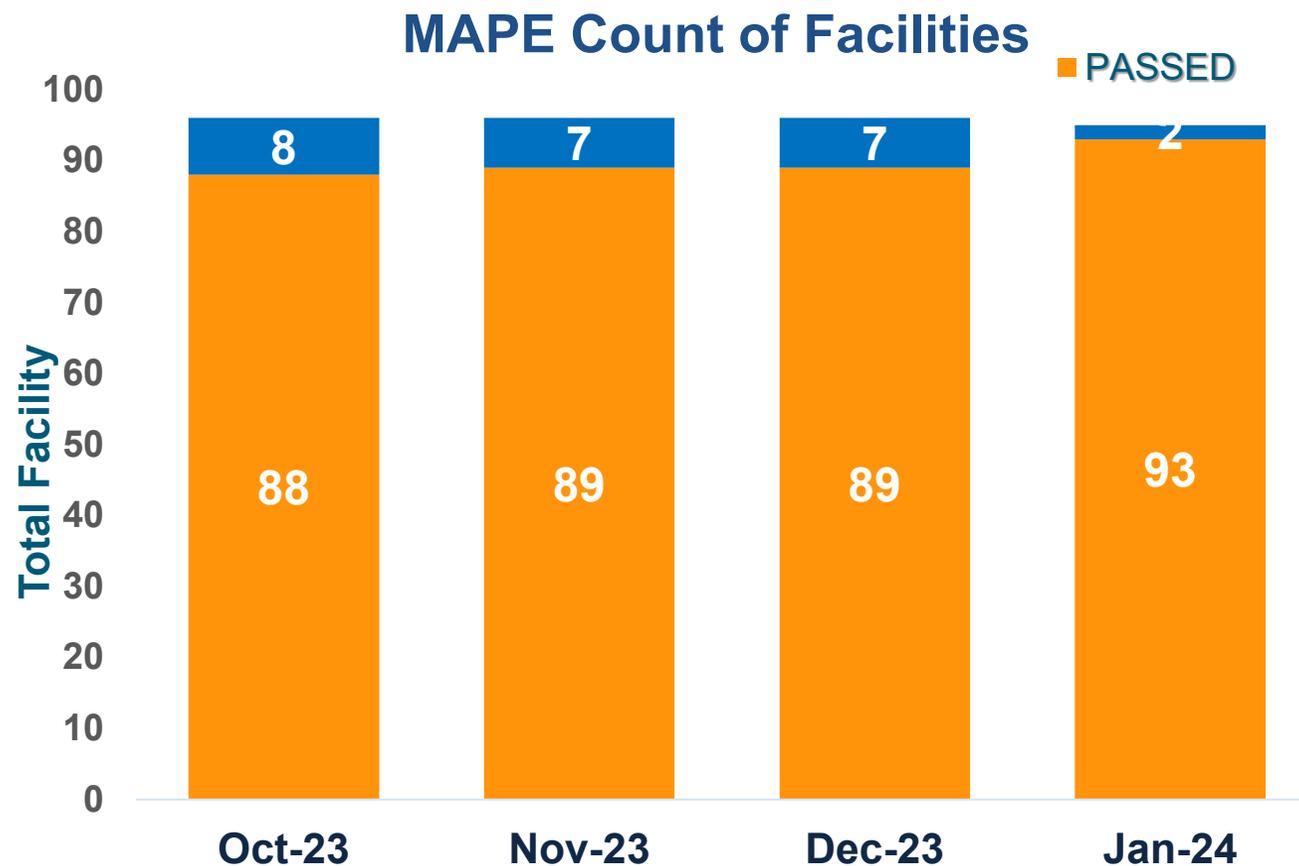
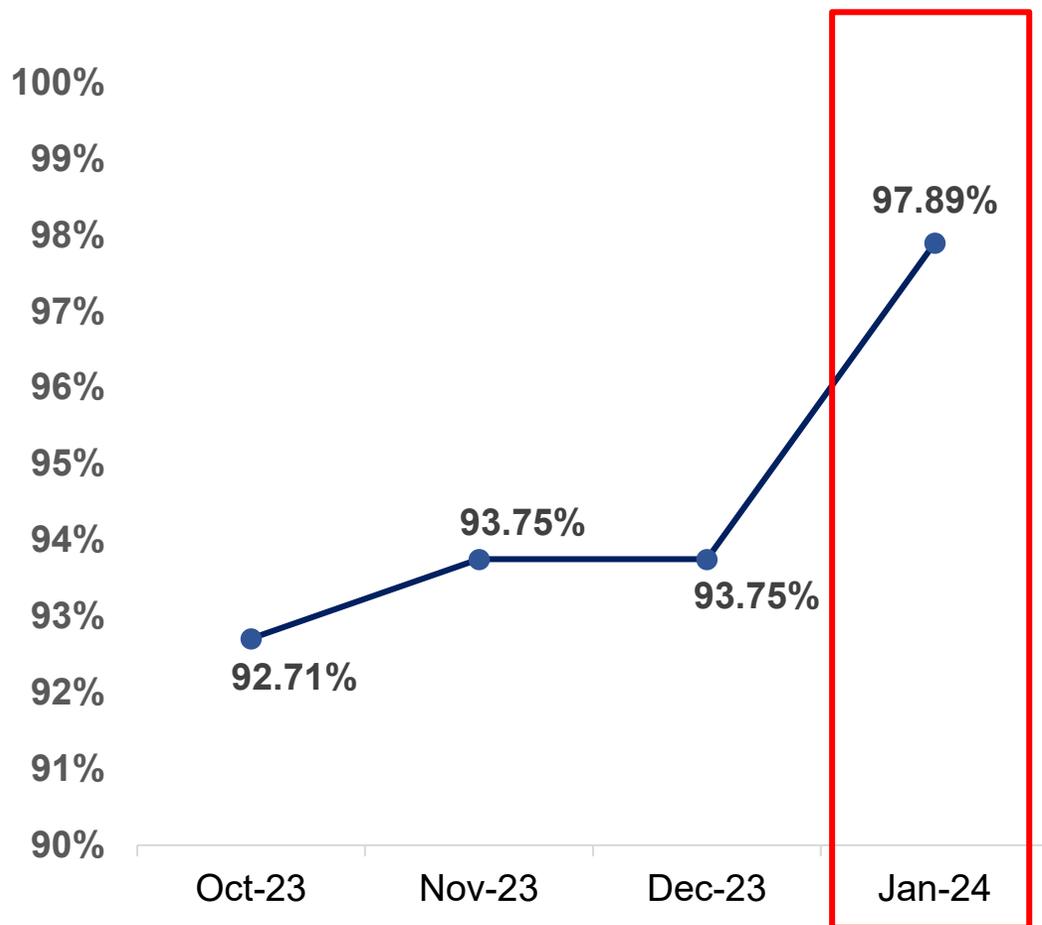
- ECO received a total of **21,325** intervals requesting replacement due to possible Data Variance and a total of **11,524** intervals requesting exclusion. The ECO also received a total of **364,568** intervals to retain results.
- Out of **21,325** intervals requesting data replacement, **5,082** intervals were confirmed to be Data Variance (**23.83%** of the intervals for replacement).
- Out of **11,524** intervals requesting exclusion, the ECO accepts **1,627** intervals (**14.11%** of the total intervals for exclusion).

# JANUARY 2024 FINAL FAS REPORT (OVERALL PASSING RATE)



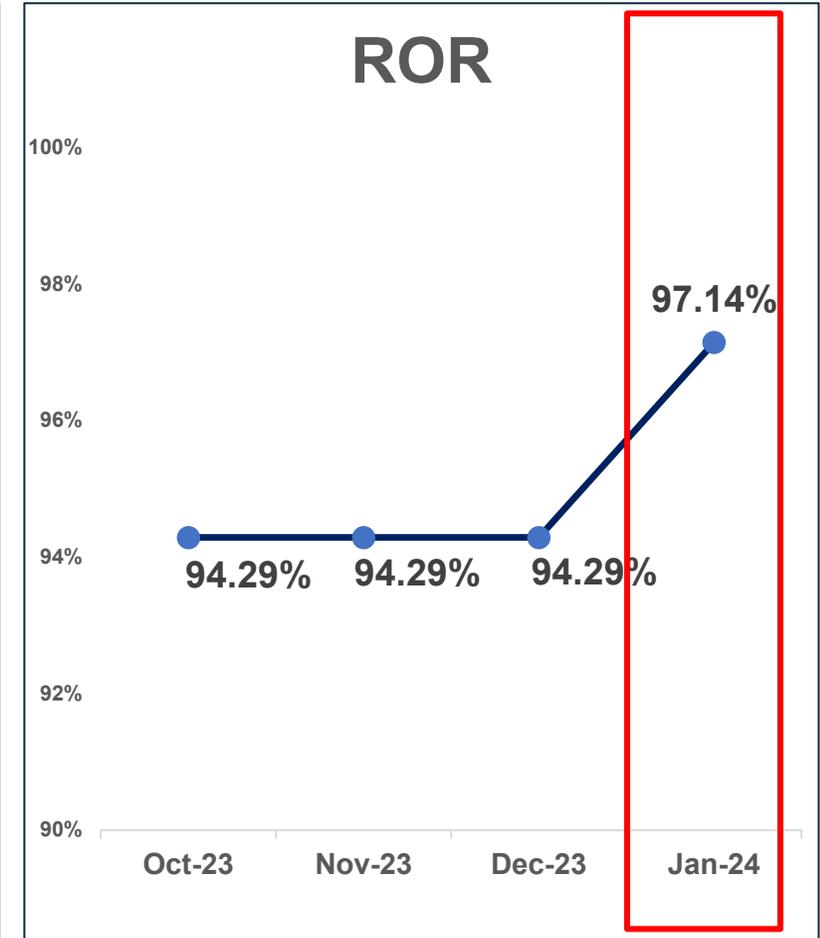
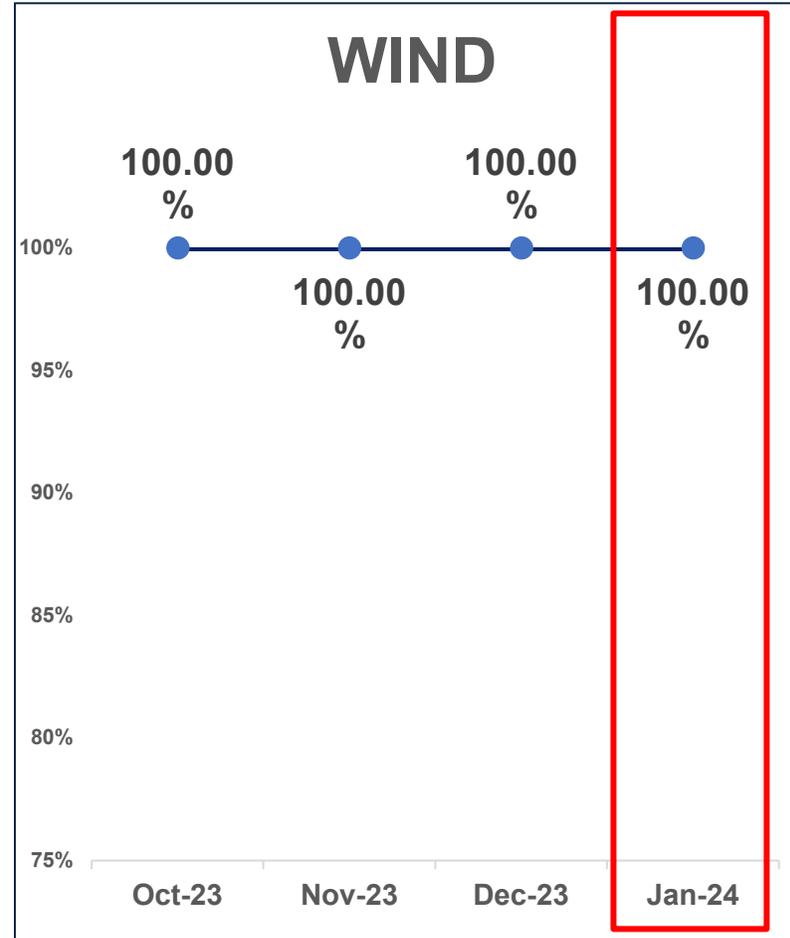
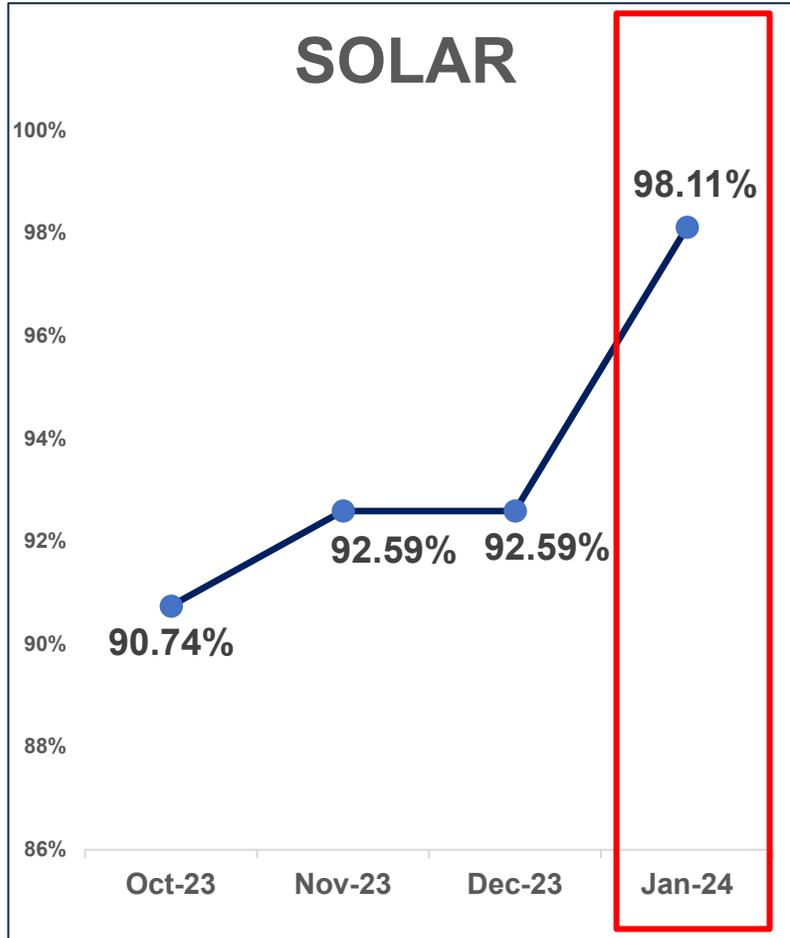
- 93 out of 95 facilities being monitored performed within the MAPE standards while 2 failed.
- 52 out of 53 Solar Power Plants, 7 out of 7 Wind Power Plants passed the MAPE standards, and 34 out of 35 Run-of-River Power Plants.

# PASSING RATE TREND – MAPE FINAL RESULT



- Based on the **Final MAPE result (January 2024)**, the average passing rate is **97.89%**, and the average count of passing plant is **93**.

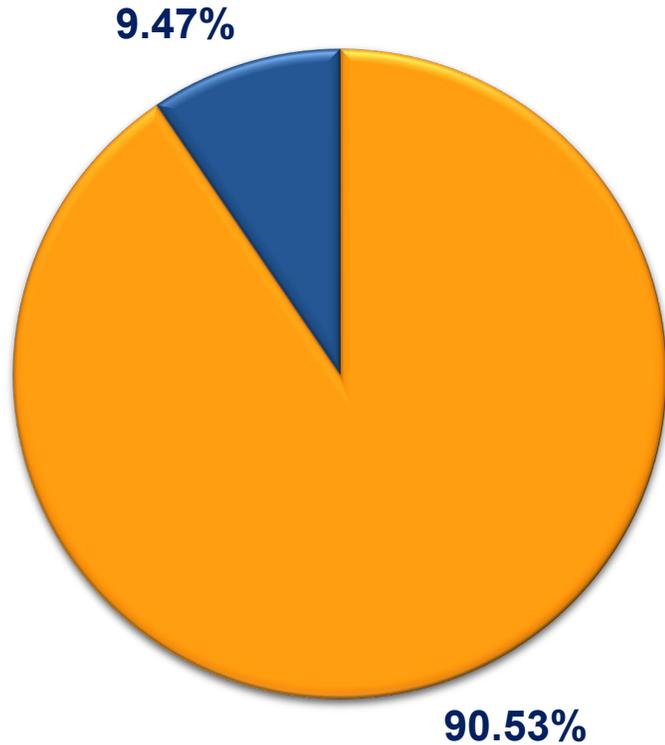
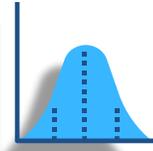
# PASSING RATE TREND PER TECHNOLOGY – MAPE



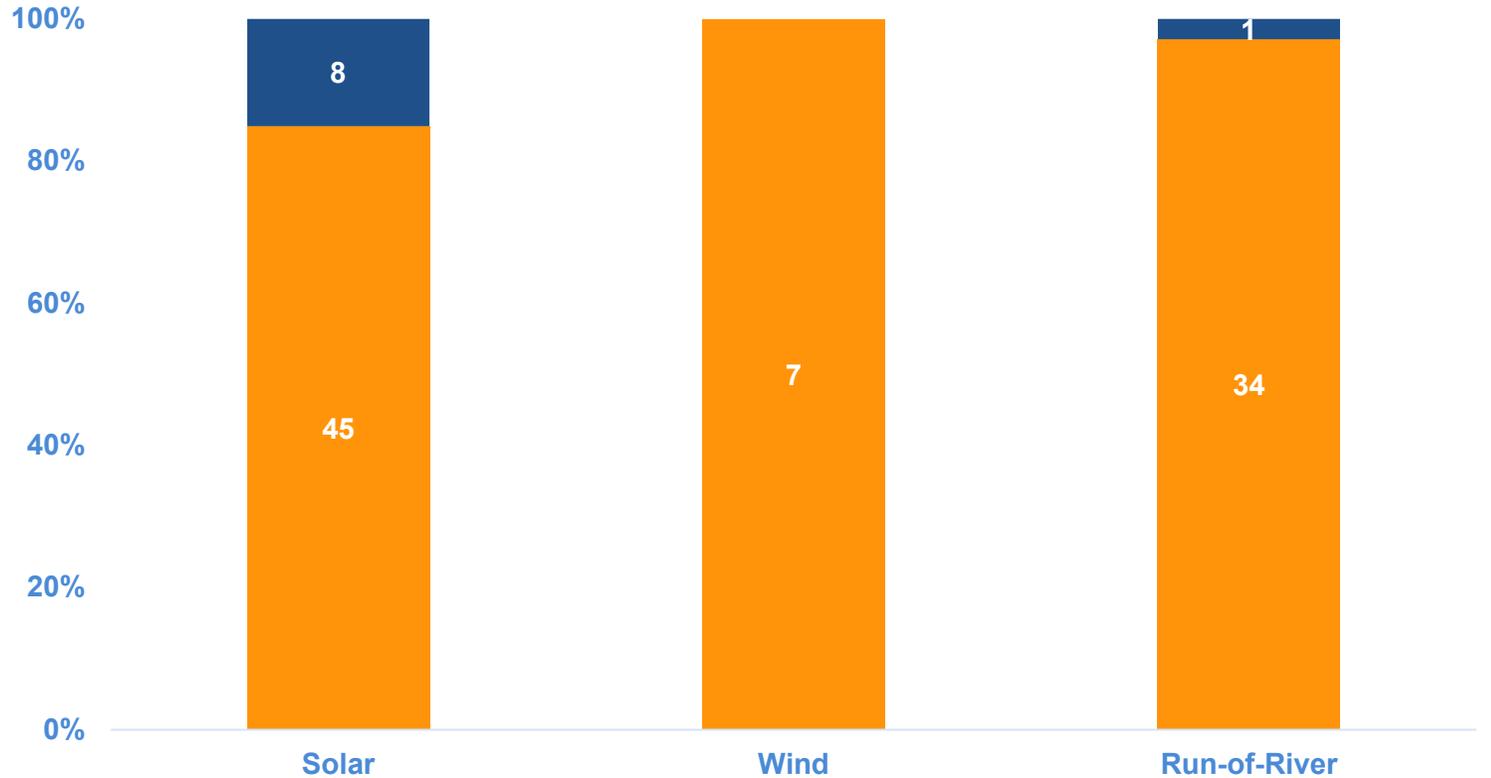
- The average passing rates of Solar, Wind and ROR Power Plants from the final result are **98.11%**, **100.00%** and **97.14%**, respectively.

# JANUARY 2024 FINAL FAS REPORT (OVERALL PASSING RATE)

## PERC95

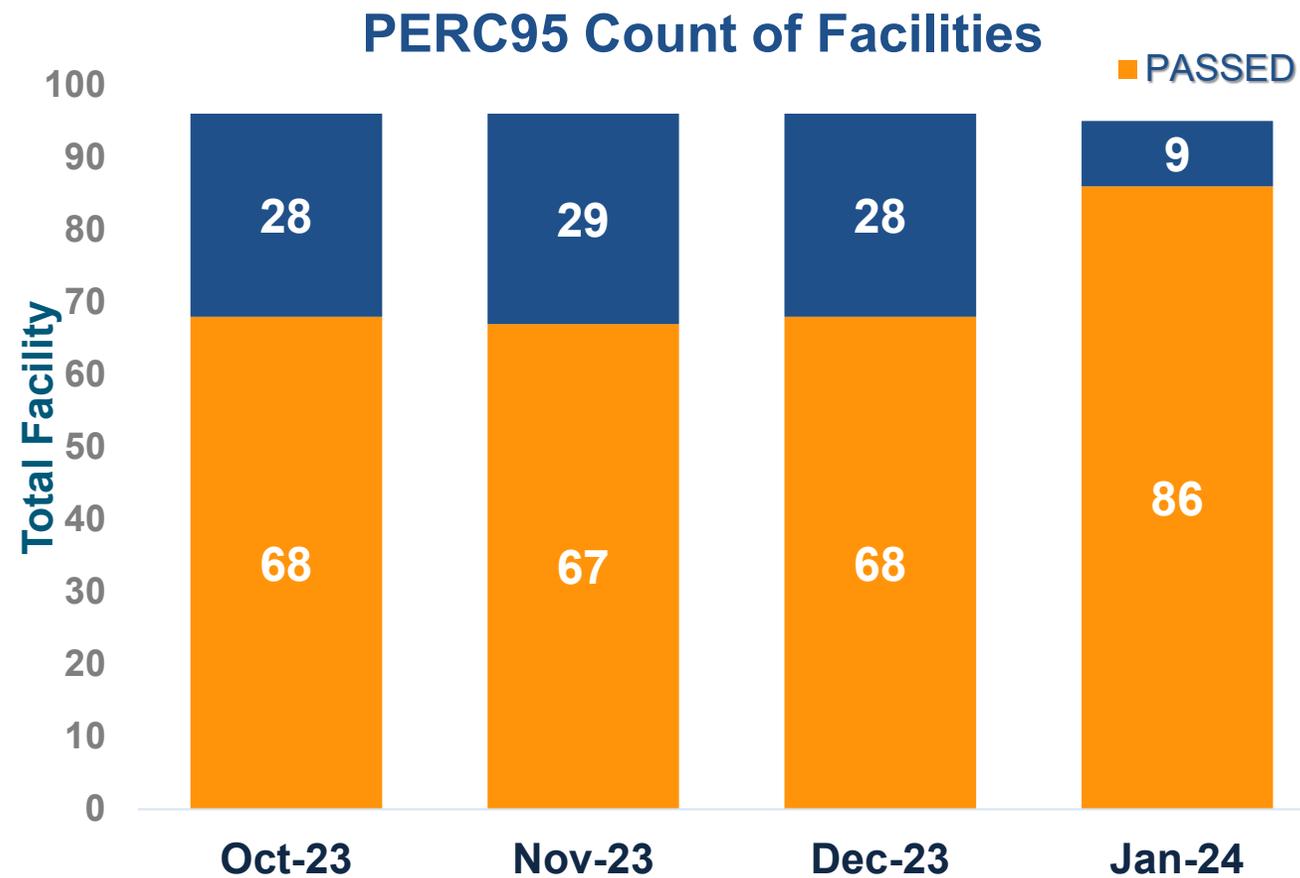
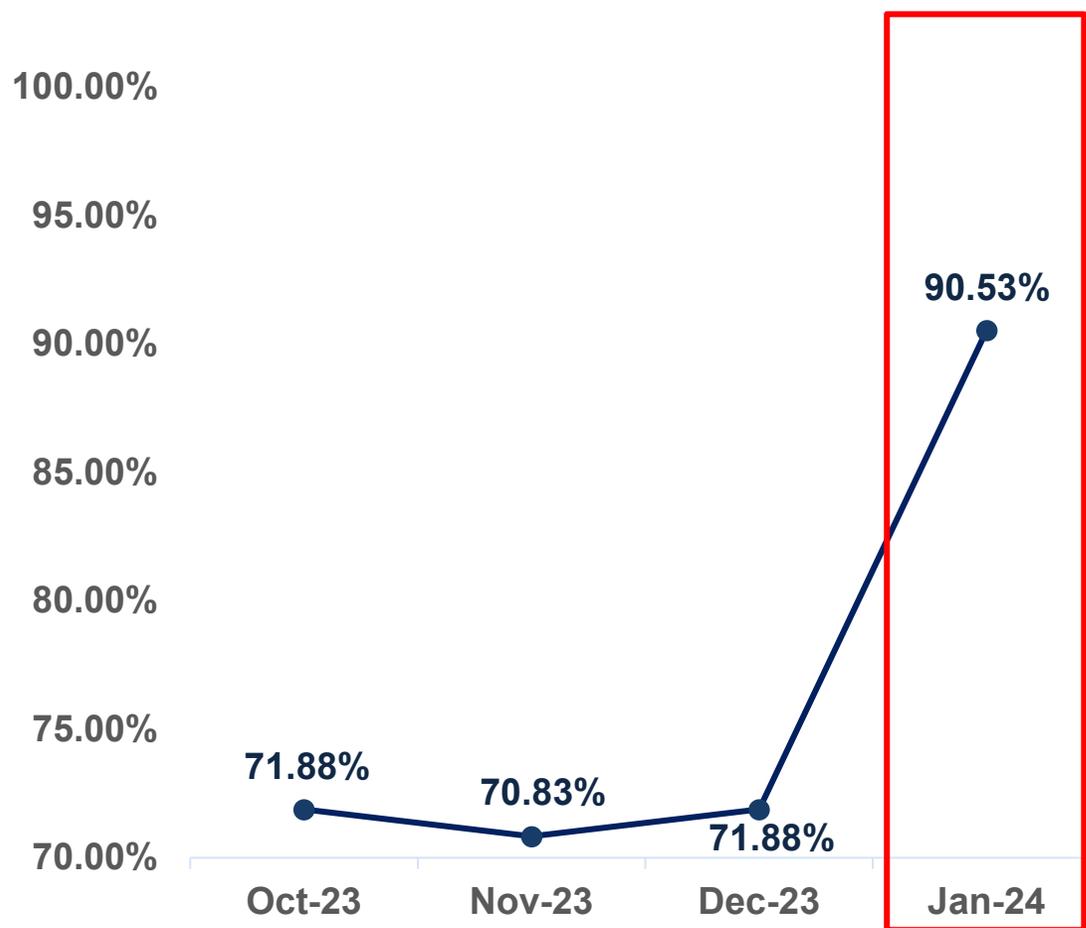


■ PASSED  
■ FAILED



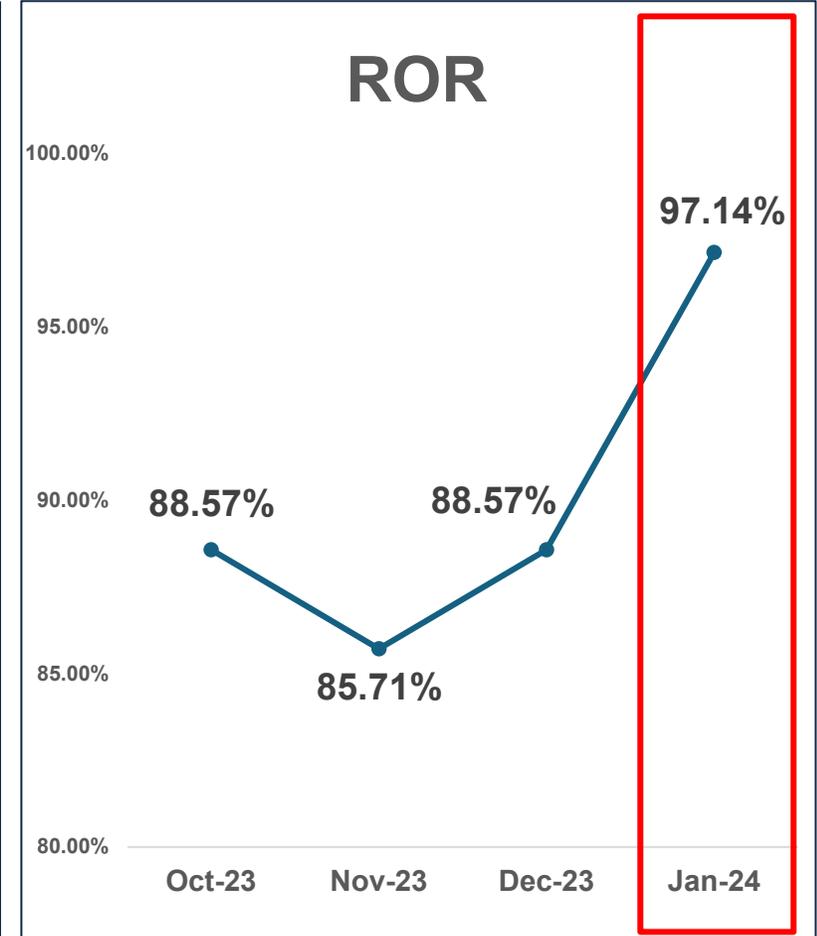
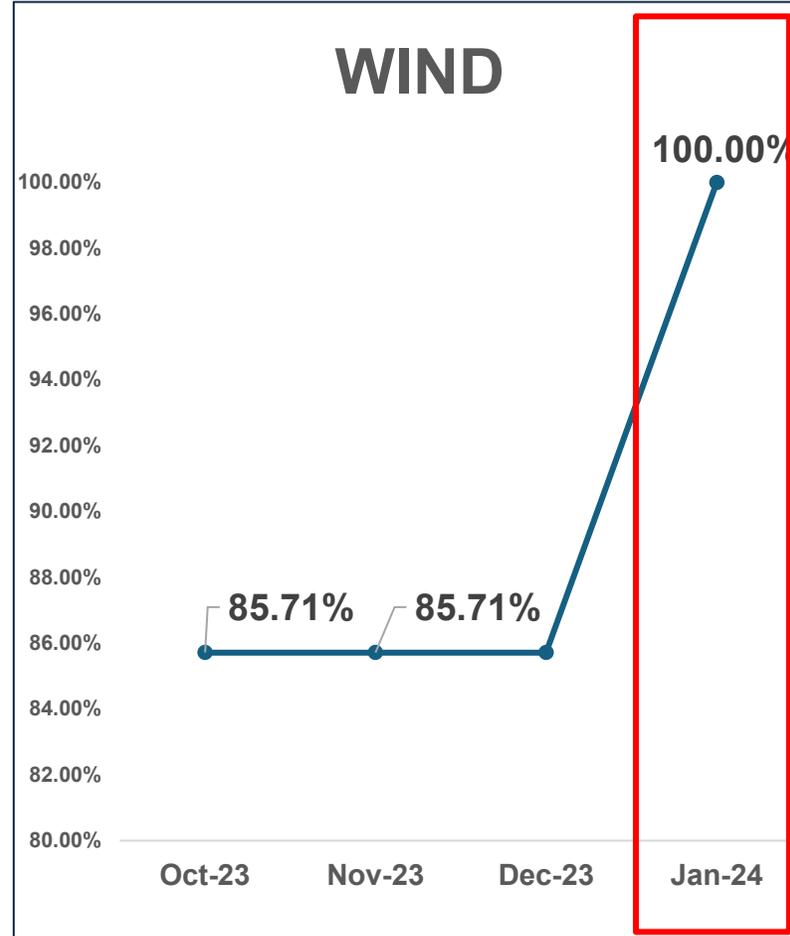
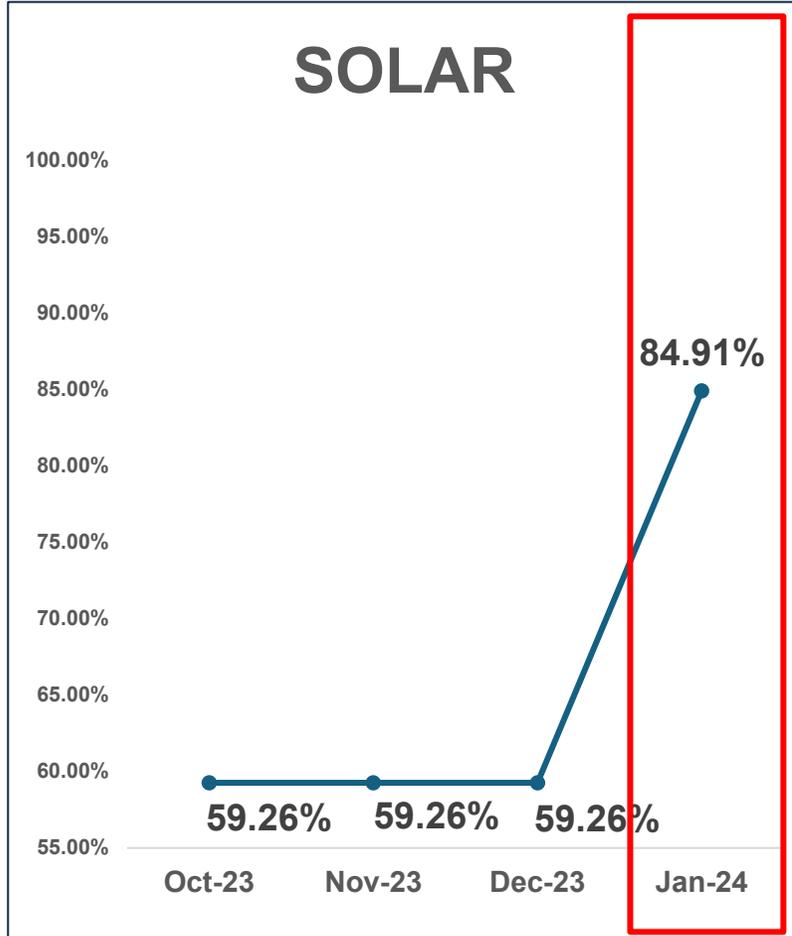
- 86 out of 95 facilities being monitored performed within the PERC95 standards while 9 failed.
- 45 out of 53 Solar Power Plants, 7 out of 7 Wind Power Plants, and 34 out of 35 Run of River Power Plants passed the PERC95 standards.

# PASSING RATE TREND – PERC95 FINAL RESULT



- Based on the **Final PERC95 result (January 2024)**, the average passing rate is **90.53%**, and the average count of passing plant is **86**.

# PASSING RATE TREND PER TECHNOLOGY – PERC95



- The average passing rates of Solar, Wind and ROR Power Plants from the final result are **84.91%**, **100.00%** and **97.14%**, respectively.



# ANNUAL FAS RESULT 2023

## Non-Compliance and Penalties

- CMARs have been issued to the concerned TPs last 28 March 2024 together with their NCLs and NSPs.
- Out of 96 MDGUs monitored, five (5) power plants failed to meet the MAPE standard, and twenty-five (25) power plants failed to meet the PERC 95 Standard, which were issued Reprimands and Notice of Specified Penalties, respectively.

Technology	MAPE Standards			PERC95 Standards		
	First Offense (with NCL)	Second Offense (with NSP)	Exempted (section 4.5.2.b, FAS Manual 3.0)	First Offense (with NCL)	Second Offense (with NCL)	Exempted (section 4.5.2.b, FAS Manual 3.0)
SOLAR	1	3	-	7	14	1
WIND	-	-	-	-	1	-
ROR	-	1	1	2	1	1

- Two (2) MDGUs that filed a Request for Reconsideration (RR) for their PERC95 results:
  - PetroWind Energy Inc. (08PWIND\_G01) – RR sent last 11 April 2024
  - Labayat 1 Hydropower Corporation (03UPLAB\_G01) – RR sent last 12 April 2024

# REQUESTED ACTION

## FOR INFORMATION

# Connect with PEMC



[pemc.info@wesm.ph](mailto:pemc.info@wesm.ph)



+63 2 8631 8734



18F Robinsons Equitable Tower, ADB Avenue  
Ortigas Center, Pasig City 1600, Philippines



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