



2022 Annual Report on Performance of Metering Services Providers

26 December 2021 to 25 December 2022

FEBRUARY 2023

This document is prepared by the
Philippine Electricity Market Corporation –
Market Assessment Group

The information contained in this document is based on data that are subject to continuous verification by the Philippine Electricity Market Corporation (PEMC). The same information is subject to change as updated figures come in.

TABLE OF CONTENTS

1 **AT A GLANCE** The Metering Services Provider

3 **MSP PERFORMANCE STANDARDS** Service Delivery and Customer Satisfaction

4 **MSP PERFORMANCE ASSESSMENT** Performance rating by region, type and criteria Performance rating monthly and yearly trend

9 **CLOSING** Observations and Recommendations

10 **ANNEX** Annex A: RMSP Annual Performance Rating for 2022 Annex B: NGCPMSP Annual Performance Rating for 2022 Annex C: MSP Annual Performance Rating for 2018 - 2022

AT A GLANCE: THE METERING SERVICES PROVIDER

A Metering Services Provider (MSP) is a person, or an entity authorized by the Energy Regulatory Commission (ERC) to provide metering services.

The MSPs are registered as WESM member in the Wholesale and Retail Electricity Market[1] and have the following responsibilities[2]:

- Ensure metering installations are provided, installed, tested, calibrated, and maintained in accordance with the WESM Rules Chapter 4, the Philippine Grid Code and Philippine Distribution Code and all applicable laws, rules, and regulations,
- Ensure that accuracy of each metering installations complies with the requirements of the WESM Rules Chapter 4, the Philippine Grid Code and Philippine Distribution Code, and
- If the Market Operator requires, arrange for the provision of remote monitoring facilities to alert the Market Operator of any failure of any components of the metering installation, which might affect the accuracy of the metering data derived from that metering installation.

Further details on MSP responsibilities are provided under the WESM Manual on Metering Standards and Procedures Issue 15 and Retail Manual on Metering Standards and Procedures Issue 5.1.

As of 25 December 2022, there are a total of 63 registered MSPs in the WESM.

Of the total registered MSPs, only 58 are evaluated for performance as the following five (5) MSPs have no customers yet:

- Benguet Electric Cooperative, Inc.
- Ilocos Sur Electric Cooperative, Inc.
- Panay Electric Company, Inc.
- Philippine Economic Zone Authority
- Quezon I Electric Cooperative, Inc.[3]

The evaluated MSPs include 57 retail MSPs (RMSP) and 1 wholesale MSP[4].

As of 25 December 2022, there are a total of 63 registered MSPs, of which only 58 (i.e. 57 RMSPs and 1 WMSP) are evaluated for performance.

[1] WESM Rules Clause 2.3.6

[2] WESM Rules Clause 4.3.3

[3] QZLCO1MSP's previous customer is served by NGCPMSP

[4] Some RMSP serve embedded generators within its franchise area.

ELECTRIC COOPERATIVES

1. Albay Electric Cooperative, Inc. (ALECOMSP)
2. Batangas I Electric Cooperative, Inc. (BTLC1MSP)
3. Batangas II Electric Cooperative, Inc. (BTLC2MSP)
4. Camarines Sur II Electric Cooperative, Inc. (CASUR2MSP)
5. Central Pangasinan Electric Cooperative, Inc. (CENPELCOMSP)
6. Cagayan 1 Electric Cooperative, Inc. (CGLCO1MSP)
7. Cagayan II Electric Cooperative, Inc. (CGLCO2MSP)
8. Ilocos Norte Electric Cooperative, Inc. (INECMSP)
9. Isabela I Electric Cooperative, Inc. (ISLCO1MSP)
10. Isabela II Electric Cooperative MSP (ISLCO2MSP)
11. La Union Electric Company, Inc. (LUECOMSP)
12. La Union Electric Cooperative, Inc. (LUELCOMSP)
13. Nueva Ecija II Area 1 Electric Cooperative, Inc. (NEEC21MSP)
14. Nueva Ecija I Electric Cooperative, Inc. (NEECO1MSP)
15. Pampanga I Electric Cooperative, Inc. (PELCO1MSP)
16. Pampanga II Electric Cooperative, Inc. (PELCO2MSP)
17. Pampanga III Electric Cooperative, Inc. (PELCO3MSP)
18. Peninsula Electric Cooperative, Inc. (PENLCOMSP)
19. Pangasinan III Electric Cooperative, Inc. (PNLCO3MSP)
20. Sorsogon II Electric Cooperative, Inc. (SOREC2MSP)
21. Tarlac I Electric Cooperative, Inc. (TRLCO1MSP)
22. Tarlac II Electric Cooperative, Inc. (TRLCO2MSP)

PRIVATE DISTRIBUTION UTILITIES

1. Angeles Electric Corporation (AECMSP)
2. Authority of the Freeport Area of Bataan (AFABMSP)
3. Clark Electric Distribution Corporation (CEDCMSP)
4. Cabanatuan Electric Corporation (CELCORMSP)
5. Dagupan Electric Corporation (DECORPMSP)
6. Lima Enerzone Corporation (LEZMSP)
7. Manila Electric Company (MRLCOMSP)
8. Malvar Enerzone Corporation (MALVEZMSP)*
9. Olongapo Electricity Distribution Company, Inc. (OEDCMSP)
10. Subic Enerzone Corporation (SEZMSP)
11. San Fernando Electric Light & Power Co., Inc. (SFELAPMSP)
12. Tarlac Electric, Inc. (TEIMSP)



**Philippine Electricity
Market Corporation**

MSP-APR-2022

The National Grid
Corporation of the
Philippines
(NGCPMSP) is the
sole wholesale MSP

Majority or 34
evaluated RMSPs are
in Luzon and the
remaining 23 are in
Visayas

Of the total evaluated
RMSPs in Luzon, 22 are
electric cooperatives
(ELC) while 12 are
private distribution
utilities (PDU)

In Visayas, 17 of the
evaluated RMSPs
are ELCs while 6
are PDUs

ELECTRIC COOPERATIVES

1. Aklan Electric Cooperative, Inc. (AKELCOMSP)
2. Antique Electric Cooperative, Inc. (ANTECOMSP)
3. Bohol I Electric Cooperative, Inc. (BHCO1MSP)
4. Capiz Electric Cooperative, Inc. (CAPELCMSP)
5. Cebu I Electric Cooperative, Inc. (CEBEC1MSP)
6. Cebu II Electric Cooperative, Inc. (CEBEC2MSP)
7. Cebu III Electric Cooperative, Inc. (CEBEC3MSP)*
8. Central Negros Electric Cooperative, Inc. (CENECOMSP)
9. Don Orestes Romualdez Electric Cooperative, Inc. (DRLCOMSP)
10. Iloilo I Electric Cooperative, Inc. (ILECO1MSP)
11. Iloilo II Electric Cooperative, Inc. (ILECO2MSP)*
12. Leyte II Electric Cooperative, Inc. (LEYCO2MSP)
13. Leyte V Electric Cooperative, Inc. (LEYCOVMSP)
14. Negros Occidental Electric Cooperative, Inc. (NOCECOMSP)
15. Northern Negros Electric Cooperative, Inc. (NONECOMSP)
16. Negros Oriental II Electric Cooperative, Inc. (NRECO2MSP)
17. Samar I Electric Cooperative, Inc. (SMLCO1MSP)

PRIVATE DISTRIBUTION UTILITIES

1. Balamban Enerzone Corporation (BEZMSP)
2. Bohol Light Company, Inc. (BLCIMSP)
3. Mactan Electric Company, Inc. (MECMSP)
4. Mactan Enerzone Corporation (MEZMSP)
5. MORE Electric and Power Corporation (MOREMSP)
6. Visayan Electric Company, Inc. (VECOMSP)

*Evaluation start: MALVEZMSP - August 2022, CEBEC3MSP - May 2022, ILECO2MSP - February 2022

MSP PERFORMANCE STANDARDS

The performance of MSPs is computed monthly, semi-annually, and annually and rated against the standards for two (2) performance indicators: 1) Service Delivery, and 2) Customer Satisfaction.

The MSP performance standards are based on the WESM Manual on Metering Standards and Procedures Issue 15 and Retail Manual on Metering Standards and Procedures Issue 5.1.

Overall Passing		Retail: 85.0 ^[5]		Wholesale: 94.5	
CRITERIA		WEIGHT	PASSING	WEIGHT	PASSING
Service Delivery					
A.	Daily Meter Data Delivery	25%	23.75%	20%	19.00%
B.	Timeliness and Percentage Resolution to Daily Meter Trouble Report (MTR)	15%	13.50%	15%	13.50%
C.	Integrity of Meter Data	25%	23.75%	20%	19.00%
D.	Timeliness of Monthly Meter Data Delivery	15%	15.00%	25%	25.00%
E.	Timeliness and Percentage Resolution to Monthly Meter Trouble Report	10%	9.00%	20.0%	18.00%
Customer Satisfaction					
F.	Customer Satisfaction Rating	10%	9.00%	100%	90.00%

[5] Customer Satisfaction Survey rating is excluded in computation for overall rating. Passing rating is 85%.

MSP PERFORMANCE ASSESSMENT

SERVICE DELIVERY

Performance rating by region and type

As of 25 December 2022, the number of RMSPs with passing overall rating significantly increased to about 44%, which is 25 out of 57 evaluated RMSPs.

These 25 RMSPs and its corresponding annual overall performance rating are listed in Table 1.

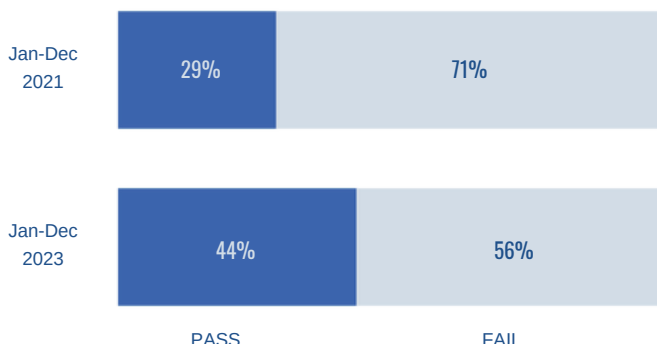
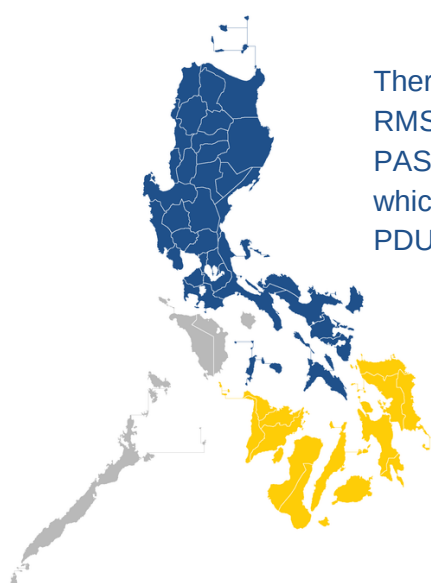


Table 1

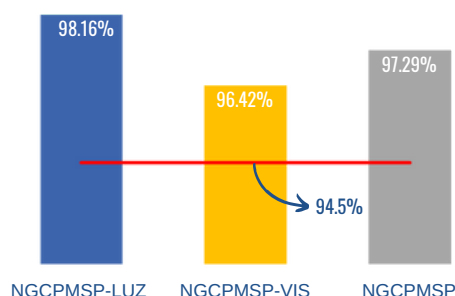
NEECO1MSP	90.00%	SEZMSP	89.34%	INECMSP	88.83%
PELCO1MSP	89.96%	BEZMSP	89.33%	PELCO2MSP	88.73%
MRLCOMSP	89.89%	MALVEZMSP	89.25%	MEZMSP	88.48%
BTLC1MSP	89.87%	PELCO3MSP	89.09%	PENLCOMSP	88.07%
CGLCO1MSP	89.83%	TEIMSP	89.01%	TRLCO2MSP	87.96%
CELCORMSP	89.81%	BTLC2MSP	88.99%	CEDCMSP	87.87%
AKELCOMSP	89.78%	MECMSP	88.90%	NRECO2MSP	87.85%
PNLCO3MSP	89.70%	ILECO2MSP	88.88%	NEEC21MSP	87.30%
LEYCOVMSP	89.51%				



There are 18 out of 34 evaluated RMSPs in Luzon that have PASSING overall rating, 12 of which are ELCs while 6 are PDUs.

Meanwhile, 7 out of 23 evaluated RMSPs in Visayas have PASSING overall rating, 4 of which are ELCs while 3 are PDUs.

On the other hand, NGCPMSP has an average overall rating of 97.29%, which is marginally above the passing rating of 94.5%.



NGCPMSP passed all criteria except for Daily Meter Data Delivery.

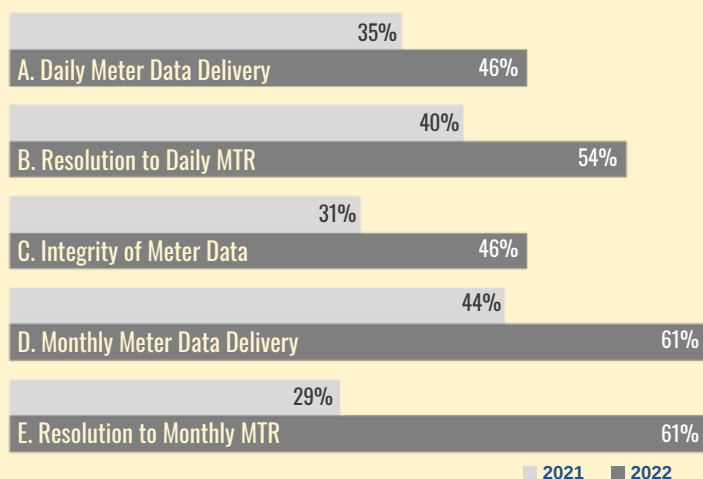
It was observed that NGCPMSP passed all metrics except for metric A – *Daily Meter Data Delivery* which reached an average 17.33% rating, lower than the equivalent passing of 19.00%. The details of NGCPMSP's performance rating are provided in Annex B.

For RMSPs, percentage of evaluated RMSPs with passing rating per criteria is still low particularly for metrics A, B and C, though there is noticeable improvement for metrics D and E as seen in the bar chart below.

Subsequent discussion will be focused on performance rating for metric D and metric E and its possible impact on settlement. To provide context, the WESM Manual on Metering Standards and Procedures provides the meter data validation process performed by the Market Operator[6].

In this process, the Market Operator issues MTR to the MSP if there are discrepancies between the values of the monthly meter data to the values of the daily meter data submitted. The MSP will correct the meter data and submit the same before the issuance of the final settlement, thereafter resolving or closing the MTR issued subject to confirmation of the corrected meter data by the Market Operator.

The percentage of evaluated RMSPs with passing rating per criteria significantly increased in 2022, with the highest both for metric D and metric E at 61%. It may be observed that in 2021, metric E has the lowest percentage of evaluated RMSPs with passing rating, hitting only at 29%.



About 61% of RMSPs have passing rating for Monthly Meter Data Delivery and Resolution to Monthly MTR

The 61% improvement for metric E is an indication that RMSPs are now more responsive to the monthly MTRs issued by the Market Operator.

Meanwhile, the 61% of evaluated RMSPs with passing rating for criteria D seemed to give the impression that only more than half of the evaluated RMSPs submitted monthly meter data but the remaining others completely have no monthly meter data submission. However, further assessment showed that the evaluated RMSPs faithfully submitted monthly meter data to the Market Operator, only that the submission date is past the submission deadline resulting in 0% rating of the RMSP for criteria D.

[6] WESM Manual on Metering Standards and Procedures Section 5.3.3

RMSPs faithfully submitted monthly meter data, only that the submission date is past the submission deadline resulting in 0% rating of RMSP for criteria D

Sampling of data from June to December 2022 billing months confirmed that only about 7% to 12% of the evaluated RMSPs have 0% rating for criteria D due to late submission of monthly meter data. Of these figures, 3 evaluated RMSPs have consistently submitted late monthly meter data for the 7 consecutive billing months and likewise have no resolution to the monthly MTR for the subject billing months.

Only about 7% - 12% of evaluated RMSPs have 0% rating for criteria D due to late submission of monthly meter data

Probing further on the monthly MTRs issued to the RMSPs, it was observed that the reason for most of the monthly MTRs are due to monthly meter data tagged *exceeds maximum average*^[7], as seen in chart below.



However, upon checking the MSP responses or remarks, it was found that bulk of the submitted monthly meter data tagged *exceeds maximum average* are confirmed *valid meter data*.

Gauging from the preceding observations, it may be deduced that the low percentage of evaluated RMSPs with passing rating for metric D does not necessarily translate to consequential impact on the settlement process as it has been established that monthly meter data are submitted, albeit late at times.

While several of the submitted monthly meter data still merited issuance of MTRs due to intervals exceeding maximum average, this concern has become immaterial with the confirmed validity of monthly meter data tagged *exceeds maximum average*.

Low percentage of evaluated RMSPs with passing rating for metric D does not necessarily translate to consequential impact on the settlement process

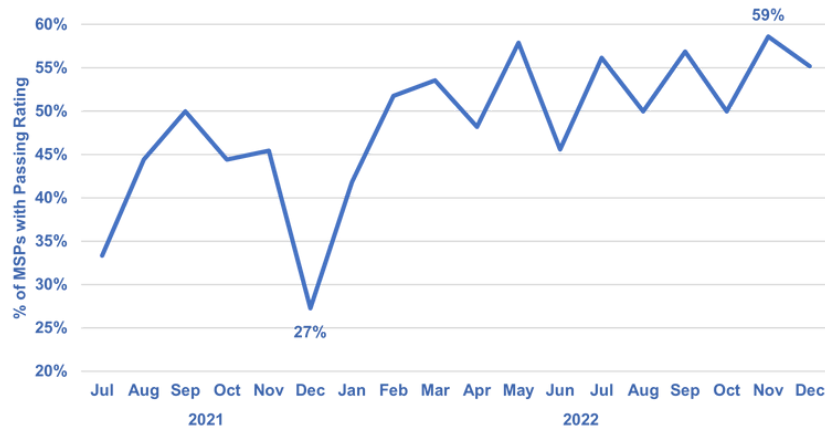
On one hand, it is worth spotlighting that the presence of continuous delayed submission of monthly meter data may be a compliance issue rather than performance.

For the details of MSP annual performance rating for the year 2022, see Annex A and Annex B of this Report.

[7] Exceeds Maximum Average means an interval exceeded the maximum average based on historical values. Source: IEMOP's Central Registration and Settlement System (CRSS) - Guidelines for Metering Services Providers.

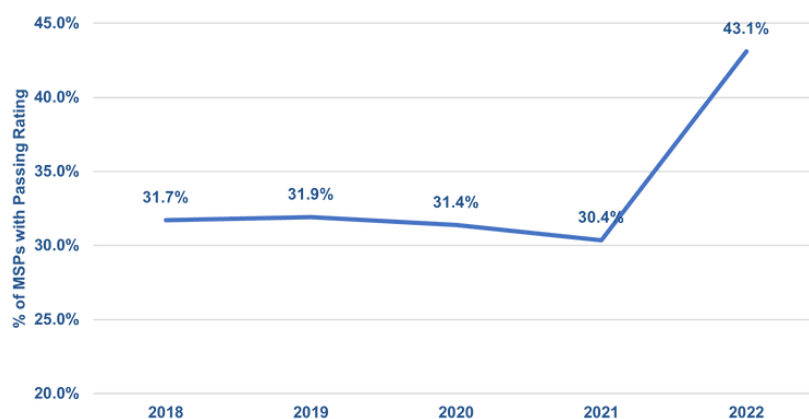
Performance rating monthly and yearly trend

The percentage of evaluated MSPs (all RMSPs and NGCPMSP) with passing overall rating reached its highest in November 2022 accounting for more than half or 34 out of 58 evaluated MSPs, a significant leap from 27% during the previous year's closing.



It may be recalled that the performance drop at the end of the previous year was due to late monthly MTR resolution and incomplete monthly meter data. With continued deadlines being enforced during the holiday season, some RMSPs, particularly in Luzon, with consistent passing ratings in the previous months, failed to reach the 85% passing rating during December 2021 billing month.

In terms of yearly trend, the percentage of evaluated MSPs with passing overall rating jumped to 43.1% in the year 2022 coming from a valley ranging between 30.4% to 31.9% since the year 2018.



Over the 5-year period, there are 10 MSPs that have consistently gained annual performance ratings that are equal to or beyond the overall passing rating. These 10 MSPs are as follows: BEZMSP, BTLC2MSP, CELCORMSP, MECMSP, MEZMSP, MRLCOMSP, NEEC21MSP, NEECO1MSP, NGCPMSP, and PELCO1MSP.

The average annual overall performance rating of each MSP for the years 2018 to 2022 is provided in Annex C of this Report.

CUSTOMER SATISFACTION

PEMC conducted Semi-Annual Customer Satisfaction survey for the for the billing months of January to June 2022 and July to December 2022, by sending out survey forms to registered Market Participants on 5 July 2022 and 3 January 2023, respectively. Survey response rate is still meager with only 55 respondents sending back accomplished survey forms.

Low survey response rate with only 55 respondents, resulting in only 20 out of 58 MSPs with Customer Satisfaction Rating

Only 20 out of 58 or 34% of the evaluated MSPs have Customer Satisfaction Rating based on survey results. As this may skew the overall performance rating results, Customer Satisfaction Rating is excluded in the computation of the overall annual performance rating.

MSP NAME	CUSTOMER SATISFACTION RATING	NUMBER OF RESPONDENTS PER MSP
NGCPMSP	93.70%	26
AFABMSP	100.00%	1
BLCIMSP	94.88%	1
BTLC1MSP	94.38%	1
BTLC2MSP	100.00%	1
CASUR2MSP	100.00%	1
CEBEC1MSP	92.00%	1
CEBEC2MSP	97.94%	2
CEDCMSP	100.00%	1
CELCORMSP	96.64%	6
CENECMSP	86.25%	1
CGLCO1MSP	98.94%	1
LEZMSP	100.00%	1
MOREMSP	86.67%	1
MRLCOMSP	100.00%	1
NONECOSMP	89.50%	1
OEDCMSP	100.00%	1
SEZMSP	100.00%	1
TEIMSP	100.00%	1
VECOMSP	100.00%	1

CLOSING: OBSERVATIONS & RECOMMENDATIONS

Similar with the observations in the year 2021, response rate to Customer Satisfaction Rating survey is still significantly low.

While performance rating in terms of service delivery has generally improved with the rising number of MSPs that reached the overall passing rating, the performance rating is still notably low particularly for metrics A, B and C.

On one hand, the improvement in performance rating for criteria E is an indication that MSPs are now more responsive to the monthly MTRs issued by the Market Operator.

Though the performance rating for criteria D likewise improved, it's still on the low side considering the expectation that all MSPs should have monthly meter data submissions. Nonetheless, the low performance rating for metric D does not necessarily translate to consequential impact on the settlement process as it has been established that monthly meter data are submitted, albeit late at times.

It is worth highlighting that the presence of continuous delayed submission of monthly meter data may be a compliance issue rather than performance. As such, it may be more apt and timely to give teeth to the monitoring of MSP's compliance with respect to its obligations under the Rules, as high compliance would clearly result in high performance.

It may be recalled that the PEMC has initiated internal coordination meetings including consultation with the Energy Regulatory Commission in relation to the monitoring and imposition of possible sanctions for non-compliances of MSPs with respect to their obligations under the Rules. As a follow-through to these efforts, the PEMC is currently reviewing the penalty framework to include possible sanctions for non-compliances of MSPs with respect to their obligations under the Rules which is target to be completed in Q3 2023.

ANNEX A: RETAIL MSP 2022 ANNUAL PERFORMANCE RATING

CRITERIA	WEIGHT	PASSING
A. Daily Meter Data Delivery	25%	23.75%
B. Timeliness and Percentage Resolution to Daily Meter Trouble Report	15%	13.50%
C. Integrity of Meter Data	25%	23.75%
D. Timeliness of Monthly Meter Data Delivery	15%	15.00%
E. Timeliness and Percentage Resolution to Monthly Meter Trouble Report	10%	9.00%
F. Customer Satisfaction Rating [6]	10%	9.00%
Overall Passing: 85.00%		

[6] Customer Satisfaction Survey rating is excluded in computation for overall rating

NO.	MSP NAME	REGION	TYPE	RATING PER CRITERIA					OVERALL RATING
				A	B	C	D	E	
1	AECMSP	Luzon	PDU	21.45%	14.84%	22.28%	15.00%	10.00%	83.57%
2	AFABMSP	Luzon	PDU	0.07%	0.04%	0.07%	10.00%	0.00%	10.18%
3	AKELCOMSP	Visayas	ELC	24.88%	14.99%	24.91%	15.00%	10.00%	89.78%
4	ALECOMSP	Luzon	ELC	4.80%	0.13%	0.07%	13.75%	0.83%	19.58%
5	ANTECOMSP	Visayas	ELC	21.96%	12.33%	22.23%	13.75%	9.17%	79.43%
6	BEZMSP	Visayas	PDU	24.73%	14.88%	24.73%	15.00%	10.00%	89.33%
7	BHCO1MSP	Visayas	ELC	17.69%	1.95%	9.17%	15.00%	0.83%	44.64%
8	BLCIMSP	Visayas	PDU	17.04%	11.63%	16.82%	13.75%	7.50%	66.74%
9	BTLC1MSP	Luzon	ELC	24.99%	14.92%	25.00%	15.00%	10.00%	89.91%
10	BTLC2MSP	Luzon	ELC	24.54%	14.79%	24.66%	15.00%	10.00%	88.99%
11	CAPELCMSP	Visayas	ELC	0.07%	0.04%	0.07%	13.75%	0.00%	13.93%
12	CASUR2MSP	Luzon	ELC	0.15%	0.00%	0.63%	11.25%	0.00%	12.03%
13	CEBEC1MSP	Visayas	ELC	0.59%	0.04%	2.15%	8.75%	0.00%	11.53%
14	CEBEC2MSP	Visayas	ELC	0.07%	0.04%	0.07%	13.42%	0.00%	13.60%
15	CEBEC3MSP	Visayas	ELC	5.15%	0.06%	2.05%	15.00%	0.00%	22.25%
16	CEDCMSP	Luzon	PDU	24.00%	14.76%	24.11%	15.00%	10.00%	87.87%
17	CELCORMSP	Luzon	PDU	24.88%	14.99%	24.93%	15.00%	10.00%	89.81%
18	CENECOMSP	Visayas	ELC	22.63%	11.03%	18.50%	14.84%	5.73%	72.74%
19	CENPELCOMSP	Luzon	ELC	0.14%	0.04%	0.07%	5.00%	0.00%	5.25%
20	CGLCO1MSP	Luzon	ELC	24.98%	14.95%	24.91%	15.00%	10.00%	89.83%
21	CGLCO2MSP	Luzon	ELC	20.36%	11.96%	20.36%	15.00%	10.00%	77.67%
22	DECORPMSP	Luzon	PDU	20.37%	8.78%	15.94%	15.00%	6.67%	66.75%
23	DRLCOMSP	Visayas	ELC	3.69%	0.04%	0.07%	12.50%	0.00%	16.30%

NO.	MSP NAME	REGION	TYPE	RATING PER CRITERIA					OVERALL RATING
				A	B	C	D	E	
24	ILECO1MSP	Visayas	ELC	0.07%	0.04%	0.07%	11.25%	0.00%	11.43%
25	ILECO2MSP	Visayas	ELC	24.63%	14.62%	24.63%	15.00%	10.00%	88.88%
26	INECMSP	Luzon	ELC	24.63%	14.65%	24.76%	14.79%	10.00%	88.83%
27	ISLCO1MSP	Luzon	ELC	15.90%	4.21%	8.33%	13.75%	3.17%	45.36%
28	ISLCO2MSP	Luzon	ELC	0.05%	0.00%	0.07%	2.50%	0.00%	2.62%
29	LEYCO2MSP	Visayas	ELC	0.07%	0.04%	0.07%	6.67%	0.00%	6.85%
30	LEYCOVMSP	Visayas	ELC	24.73%	14.92%	24.87%	15.00%	10.00%	89.51%
31	LEZMSP	Luzon	PDU	22.29%	14.22%	22.65%	15.00%	10.00%	84.16%
32	LUECOMSP	Luzon	ELC	21.78%	15.00%	21.78%	15.00%	10.00%	83.55%
33	LUELCOMSP	Luzon	ELC	24.14%	13.08%	24.24%	13.75%	9.17%	84.38%
34	MALVEZMSP	Luzon	PDU	24.67%	14.90%	24.67%	15.00%	10.00%	89.25%
35	MECMSP	Visayas	PDU	24.46%	14.92%	24.53%	15.00%	10.00%	88.91%
36	MEZMSP	Visayas	PDU	24.28%	14.88%	24.32%	15.00%	10.00%	88.48%
37	MOREMSP	Visayas	PDU	19.80%	14.51%	20.28%	15.00%	9.10%	78.69%
38	MRLCOMSP	Luzon	PDU	24.97%	14.92%	25.00%	15.00%	10.00%	89.89%
39	NEEC21MSP	Luzon	ELC	24.93%	14.59%	24.86%	13.75%	9.17%	87.30%
40	NEECO1MSP	Luzon	ELC	25.00%	15.00%	25.00%	15.00%	0.00%	90.00%
41	NOCECOMSP	Visayas	ELC	0.07%	0.04%	0.07%	12.50%	3.33%	16.01%
42	NONECOMSP	Visayas	ELC	16.10%	5.59%	15.87%	10.00%	3.33%	50.89%
43	NRECO2MSP	Visayas	ELC	24.52%	14.51%	24.66%	15.00%	9.17%	87.85%
44	OEDCMSP	Luzon	PDU	11.70%	14.35%	11.77%	12.50%	6.67%	56.98%
45	PELCO1MSP	Luzon	ELC	25.00%	14.96%	25.00%	15.00%	10.00%	89.96%
46	PELCO2MSP	Luzon	ELC	24.36%	14.92%	24.46%	15.00%	10.00%	88.73%
47	PELCO3MSP	Luzon	ELC	24.73%	14.63%	24.73%	15.00%	10.00%	89.09%
48	PENLCOMSP	Luzon	ELC	24.54%	13.93%	24.59%	15.00%	10.00%	88.07%
49	PNLCO3MSP	Luzon	ELC	24.89%	14.95%	24.93%	15.00%	10.00%	89.77%
50	SEZMSP	Luzon	PDU	24.91%	14.96%	24.87%	15.00%	9.60%	89.34%
51	SFELAPMSP	Luzon	PDU	13.95%	0.00%	0.01%	15.00%	0.00%	28.96%
52	SMLCO1MSP	Visayas	ELC	0.14%	0.04%	0.07%	1.25%	0.00%	1.50%
53	SOREC2MSP	Luzon	ELC	16.60%	12.95%	16.60%	12.50%	9.17%	67.82%
54	TEIMSP	Luzon	PDU	24.68%	14.57%	24.80%	15.00%	10.00%	89.05%
55	TRLCO1MSP	Luzon	ELC	21.00%	13.77%	21.53%	15.00%	10.00%	81.30%
56	TRLCO2MSP	Luzon	ELC	24.19%	14.58%	24.18%	15.00%	10.00%	87.96%
57	VECOMSP	Visayas	PDU	23.51%	12.11%	23.06%	14.95%	9.17%	82.80%

ANNEX B: NGCPMSP 2022 ANNUAL PERFORMANCE RATING

CRITERIA	WEIGHT	PASSING
A. Daily Meter Data Delivery	20%	19.00%
B. Timeliness and Percentage Resolution to Daily Meter Trouble Report	15%	13.50%
C. Integrity of Meter Data	20%	19.00%
D. Timeliness of Monthly Meter Data Delivery	25%	25.00%
E. Timeliness and Percentage Resolution to Monthly Meter Trouble Report	20%	18.00%
Overall Passing: 94.50%		

NO.	MSP NAME	REGION	RATING PER CRITERIA					OVERALL RATING
			A	B	C	D	E	
1	NGCPMSP		17.33%	14.98%	19.97%	25.00%	20.00%	97.29%
	NGCPMSP-LUZ	Luzon	18.16%	15.00%	20.00%	25.00%	20.00%	98.16%
	NGCPMSP-VIS	Visayas	16.51%	14.96%	19.95%	25.00%	20.00%	96.42%

ANNEX C: MSP PERFORMANCE RATING FOR 2018-2022

NO.	MSP NAME	REGION	TYPE	2018	2019	2020	2021	2022
1	AECMSP	Luzon	PDU	76.99%	83.93%	83.33%	75.66%	83.57%
2	AFABMSP	Luzon	PDU	11.44%	13.75%	8.75%	15.82%	10.18%
3	AKELCOMSP	Visayas	ELC	53.67%	51.58%	41.43%	63.19%	89.78%
4	ALECOMSP	Luzon	ELC		68.15%	51.99%	45.59%	19.58%
5	ANTECOMSP	Visayas	ELC	22.63%	23.32%	15.35%	32.03%	79.43%
6	BEZMSP	Visayas	PDU	87.06%	89.72%	89.60%	89.87%	89.33%
7	BHCO1MSP	Visayas	ELC	62.92%	42.30%	38.72%	58.57%	44.64%
8	BLCIMSP	Visayas	PDU	46.80%	42.30%	61.49%	61.02%	66.74%
9	BTLC1MSP	Luzon	ELC	5.00%	22.30%	50.83%	87.01%	89.91%
10	BTLC2MSP	Luzon	ELC	89.15%	89.60%	88.61%	86.84%	88.99%
11	CAPELCMSP	Visayas	ELC				26.48%	15.18%
12	CASUR2MSP	Luzon	ELC	42.93%	19.29%	12.50%	14.99%	12.03%
13	CEBEC1MSP	Visayas	ELC	79.78%	76.79%	31.85%	11.04%	11.53%
14	CEBEC2MSP	Visayas	ELC	49.75%	36.57%	26.70%	17.49%	13.60%
15	CEBEC3MSP	Visayas	ELC					22.25%
16	CEDCMSP	Luzon	PDU	82.29%	82.62%	75.75%	78.42%	87.87%
17	CELCORMSP	Luzon	PDU	88.14%	86.50%	89.86%	88.96%	89.81%
18	CENECOMSP	Visayas	ELC				25.82%	72.74%
19	CENPELCOMSP	Luzon	ELC		14.18%	19.58%	20.40%	5.25%
20	CGLCO1MSP	Luzon	ELC		80.77%	86.84%	89.25%	89.83%
21	CGLCO2MSP	Luzon	ELC			24.27%	78.62%	77.67%
22	DECORPMSP	Luzon	PDU	86.44%	84.90%	69.76%	50.35%	66.75%
23	DRLCOMSP	Visayas	ELC		5.00%	36.17%	32.11%	18.80%
24	ILECO1MSP	Visayas	ELC	21.71%	7.32%	10.69%	18.27%	11.43%
25	ILECO2MSP	Visayas	ELC					88.88%
26	INECMSP	Luzon	ELC	87.61%	86.16%	88.69%	79.33%	89.04%
27	ISECOMSP	Luzon	ELC	66.02%	76.76%	13.86%		
28	ISLCO1MSP	Luzon	ELC	75.87%	81.13%	82.25%	58.39%	45.36%
29	ISLCO2MSP	Luzon	ELC			46.84%	46.12%	2.62%
30	LEYCO2MSP	Visayas	ELC	41.66%	10.00%	11.25%	9.99%	6.85%
31	LEYCOVMSP	Visayas	ELC	87.71%	84.95%	88.62%	86.88%	89.51%
32	LEZMSP	Luzon	PDU	79.85%	83.80%	87.63%	81.57%	84.16%

ANNEX C: MSP PERFORMANCE RATING FOR 2018-2022

NO.	MSP NAME	REGION	TYPE	2018	2019	2020	2021	2022
33	LUECOMSP	Luzon	ELC				78.24%	83.55%
34	LUELCOMSP	Luzon	ELC	17.08%	28.09%	35.83%	79.05%	84.38%
35	MALVEZMSP	Luzon	PDU					89.25%
36	MECMSP	Visayas	PDU	86.21%	88.54%	87.82%	86.04%	88.91%
37	MEZMSP	Visayas	PDU	87.67%	89.79%	89.44%	88.74%	88.48%
38	MOREMSP	Visayas	PDU			17.22%	40.49%	78.69%
39	MRLCOMSP	Luzon	PDU	89.44%	89.26%	89.55%	89.22%	89.89%
40	NEEC21MSP	Luzon	ELC				90.00%	87.30%
41	NEECO1MSP	Luzon	ELC	88.09%	87.96%	89.73%	90.00%	90.00%
42	NGCPMSP			87.26%	88.58%	88.81%	86.49%	97.29%
43	NOCECOMSP	Visayas	ELC			9.93%	17.53%	16.01%
44	NONECOMSP	Visayas	ELC				75.75%	50.89%
45	NRECO2MSP	Visayas	ELC	53.57%	55.44%	84.21%	81.91%	87.85%
46	OEDCMSP	Luzon	PDU	74.55%	74.64%	77.72%	66.35%	56.98%
47	PECOMSP	Visayas	PDU		4.09%			
48	PELCO1MSP	Luzon	ELC		85.09%	86.92%	89.02%	89.96%
49	PELCO2MSP	Luzon	ELC	83.71%	85.08%	78.79%	80.79%	88.73%
50	PELCO3MSP	Luzon	ELC		76.16%	83.73%	86.71%	89.09%
51	PENLCOMSP	Luzon	ELC	54.04%	64.50%	42.90%	62.19%	88.07%
52	PEZAMSP	Luzon	EZ	54.03%				
53	PNLCO3MSP	Luzon	ELC	87.11%	87.50%	76.85%	85.94%	89.77%
54	QZLCO1MSP	Luzon	ELC				28.00%	
55	SEZMSP	Luzon	PDU	86.54%	88.07%	88.29%	76.31%	89.34%
56	SFELAPMSP	Luzon	PDU	54.22%	50.87%	24.21%	33.40%	28.96%
57	SMLCO1MSP	Visayas	ELC	57.26%	54.56%	45.01%	29.84%	1.50%
58	SOREC2MSP	Luzon	ELC			47.56%	67.57%	69.07%
59	TEIMSP	Luzon	PDU	83.90%	85.49%	88.43%	85.22%	89.05%
60	TRLCO1MSP	Luzon	ELC	38.17%	4.00%	22.50%	51.84%	81.30%
61	TRLCO2MSP	Luzon	ELC	58.39%	88.18%	86.47%	82.31%	87.96%
62	VECOMSP	Visayas	PDU	84.83%	73.84%	83.47%	87.08%	82.80%