Énergir, s.e.c Gazifère Inc. Intragaz, s.e.c.

Demande conjointe relative à la fixation de taux de rendement et de structures de capital, R-4156-2021

HAWAIIAN ELECTRIC

Original : 2022.03.23 EGI-20.2.8

(En liasse)



February 12, 2021

The Honorable Chair and Members of the Hawai'i Public Utilities Commission Kekuanao'a Building, First Floor 465 South King Street Honolulu, Hawai'i 96813

Dear Commissioners:

Subject: Docket No. 2019-0110 - Hawaiian Electric Companies' Application for

Approval to Modify the Performance Incentive Mechanism Tariffs

Hawaiian Electric Companies PIM Tariff Revisions

Pursuant to Decision and Order No. 37600 ("D&O 37600"), issued on February 2, 2021 in this proceeding, and §16-601-111 of the Hawai'i Administrative Rules, enclosed for filing, on not less than thirty-day notice, are revisions to the Hawaiian Electric Companies" Performance Incentive Mechanism ("PIM") Provision tariff sheets to reflect use of the Commission approved adjusted Institute of Electrical and Electronics Engineers ("IEEE") 1366 methodology to determine the performance targets, deadbands and measured performance for the System Average Interruption Duration Index ("SAIDI") and System Average Interruption Frequency Index ("SAIFI") PIMs, with a proposed effective date of April 1, 2021. The Hawaiian Electric Companies appreciate the Commission's consideration and approval of the adjusted IEEE 1366 methodology.

Enclosed for filing are the following documents:

Exhibit 1	Hawaiian Electric Revised Performance Incentive Mechanism Provision Tariff Sheets
Exhibit 2	Hawai'i Electric Light Revised Performance Incentive Mechanism Provision Tariff Sheets
Exhibit 3	Maui Electric Revised Performance Incentive Mechanism Provision Tariff Sheets
Exhibit 4	Supporting Documentation and Calculations

Performance Incentive Mechanism Provision Tariff

On February 2, 2021, the Commission issued D&O 37600 in this proceeding, approving the Hawaiian Electric Companies' request, as set forth in their application, to use an adjusted IEEE

The "Hawaiian Electric Companies" or "Companies" are Hawaiian Electric Company, Inc. ("Hawaiian Electric" or "Company"), Hawai'i Electric Light Company, Inc. ("Hawai'i Electric Light"), and Maui Electric Company, Limited ("Maui Electric").

The Honorable Chair and Members of the Hawai'i Public Utilities Commission February 12, 2021 Page 2

1366 methodology for purposes of determining their targets, deadbands and measured performance for the SAIDI and SAIFI PIMs. Although not explicitly required in D&O 37600, the Companies are providing in this filing revised tariff sheets on not less than thirty-day notice to reflect the Commission's decision and are proposing an effective date of April 1, 2021. In so doing, this filing also complies with §16-601-111 of the Hawai'i Administrative Rules which allows tariff changes, unless suspended, to become effective on not less than thirty-day notice. Exhibits 1-3 provide the tariff sheets reflecting the use of the approved adjusted IEEE 1366 methodology to determine the performance targets and measured performance for the SAIDI and SAIFI PIMs.

On November 6, 2020, Hawaiian Electric filed its proposed revisions to the performance targets, deadbands, and the maximum financial incentives in the PIM Provision tariff, as a result of Decision and Order No. 37387 ("D&O 37387") in the Hawaiian Electric 2020 test year rate case (Docket No. 2019-0085). In that filing, the Company updated its SAIDI and SAIFI performance targets and deadbands based on the most recent 10-year historical numbers, from 2010 to 2019. As of the date of this current filing, the Commission has not yet approved the Company's November 6, 2020 filing in Docket No. 2019-0085.

The changes in the tariffs submitted herein are due only to the use of the adjusted IEEE 1366 methodology.² The calculation of the SAIDI and SAIFI performance targets and deadbands in Exhibit 4 of this filing used the same 10-year data that underly the SAIDI and SAIFI performance targets and deadbands that the Commission approved (or the Company filed, in Hawaiian Electric's case) in each Hawaiian Electric Companies' most recent rate case. This is consistent with the PIM Provision tariff which states that the performance targets and deadbands would be re-determined upon issuance of an interim or final order in a general rate case.³

In the interest of expediting the Commission's review of this filing, Hawaiian Electric has calculated its SAIDI and SAIFI performance targets and deadbands, based on the adjusted IEEE 1366 methodology, utilizing the same 10-year data it used to calculate the targets and deadbands in the November 6, 2020 filing.

_

² Hawaiian Electric's November 6, 2020 PIM Tariff revisions included the updated SAIDI and SAIFI PIM financial incentives and the revised Call Center Performance PIM performance target and financial incentive, as a result of D&O 37387. The SAIDI and SAIFI maximum financial penalty was revised from \$2,276,417 to \$2,278,410. The Call Center Performance PIM target was revised from 80.10% to 86.14%, and the Call Center Performance PIM maximum financial incentive was revised from \$910,567 to \$911,364. These updates have been incorporated into this filing.

³ See, for example, Sheet Nos. 98 and 98A, effective January 1, 2018, of the Hawaiian Electric PIM Provision tariff which states the following: "The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission."

The Honorable Chair and Members of the Hawai'i Public Utilities Commission February 12, 2021 Page 3

Below is a summary of the recalculated PIM performance targets and deadbands based on the adjusted IEEE 1366 methodology.

Hawaiian Electric SAIDI	Performance Target	Deadband	
Currently In-Effect	99.23	8.96	
Revision	101.09	9.31	

Hawaiian Electric SAIFI	Performance Target	Deadband	
Currently In-Effect	1.103	0.088	
Revision	1.097	0.074	

Hawaiʻi Electric Light SAIDI	Performance Target	Deadband	
Currently In-Effect	146.26	30.21	
Revision	146.26	30.21	

Hawaiʻi Electric Light SAIFI	Performance Target	Deadband 0.248	
Currently In-Effect	Effect 1.434		
Revision	1.434	0.248	

Maui Electric SAIDI	Performance Target	Deadband	
Currently In-Effect	130.61	33.57	
Revision	113.54	23.34	

Maui Electric SAIFI	Performance Target	Deadband	
Currently In-Effect	1.508	0.221	
Revision	1.435	0.212	

In accordance with Order No. 37043, the Companies are serving this filing on the Consumer Advocate via electronic mail.⁴

Hawaiian Electric

⁴ Order No. 37043 Setting Forth Public Utilities Commission Emergency Filing and Service Procedures related to COVID-19 (non-docketed), issued on March 13, 2020 ("Order No. 37043") at 11.

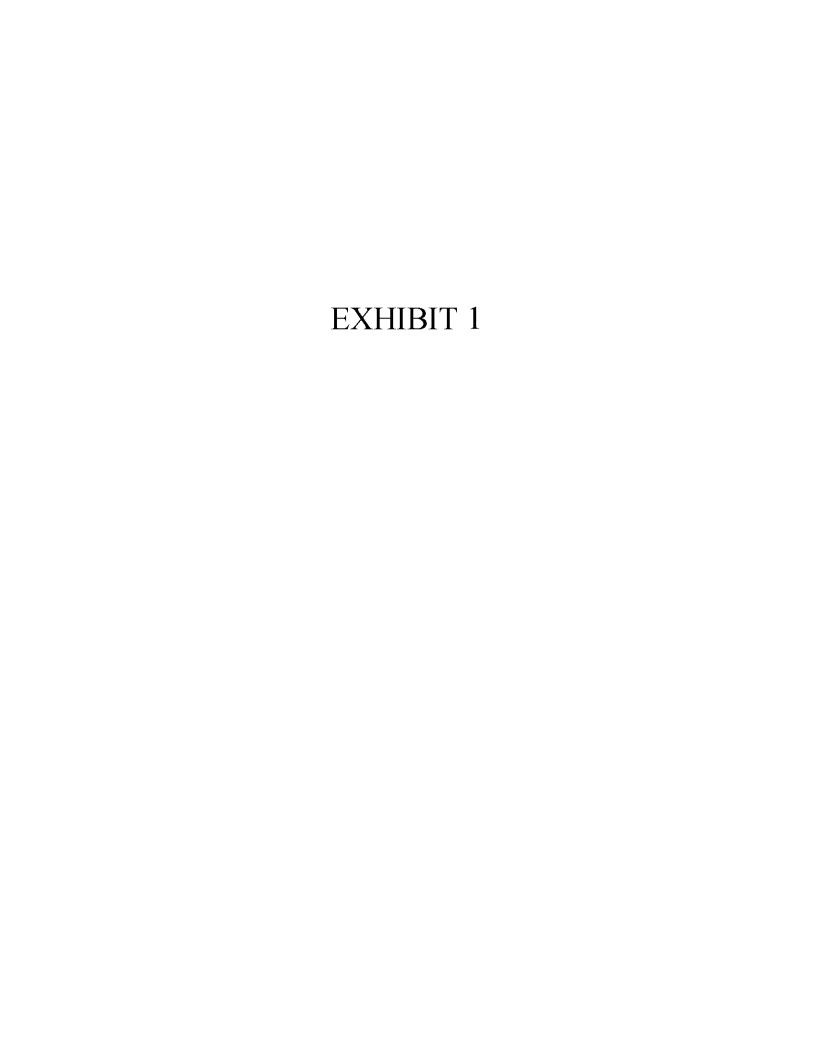
The Honorable Chair and Members of the Hawai'i Public Utilities Commission February 12, 2021 Page 4

Very truly yours,

/s/ Dean K. Matsuura

Dean K. Matsuura Director, Regulatory Rate Proceedings

Enclosure



PERFORMANCE INCENTIVE MECHANISM PROVISION

<u>Introduction</u>

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive

HAWAIIAN ELECTRIC COMPANY, INC.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

HAWAIIAN ELECTRIC COMPANY, INC.

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

For the Reliability Performance Incentive Mechanisms, the 2010-2019 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ±1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: 1.097 interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.074 interruptions (1 Standard Deviation)

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Decision And Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021. Superseding Revised Sheet No. 98C REVISED SHEET NO. 98C Effective September 1, 2018

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Range for no penalty: 1.023 interruptions to 1.171 interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.171 interruptions per customer

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$2,278,410.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 101.09 minutes per outage

Deadband: ± 9.31 minutes (1 Standard Deviation)

Range for no penalty: 91.78 minutes to 110.40 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 110.40 minutes per outage

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$2,278,410.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 4 of 2018 to Quarter 3 of 2020.

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Final Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

<u>Call Center Performance:</u>

Performance Target: 86.14% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 83.14 % of calls answered to 89.14% of calls answered.

Rewards apply for greater than 89.14 % of calls answered Penalties apply for less than 83.14 % of calls answered

Maximum Reward Amount: \$911,364. Maximum Penalty Amount: \$911,364.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021. PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

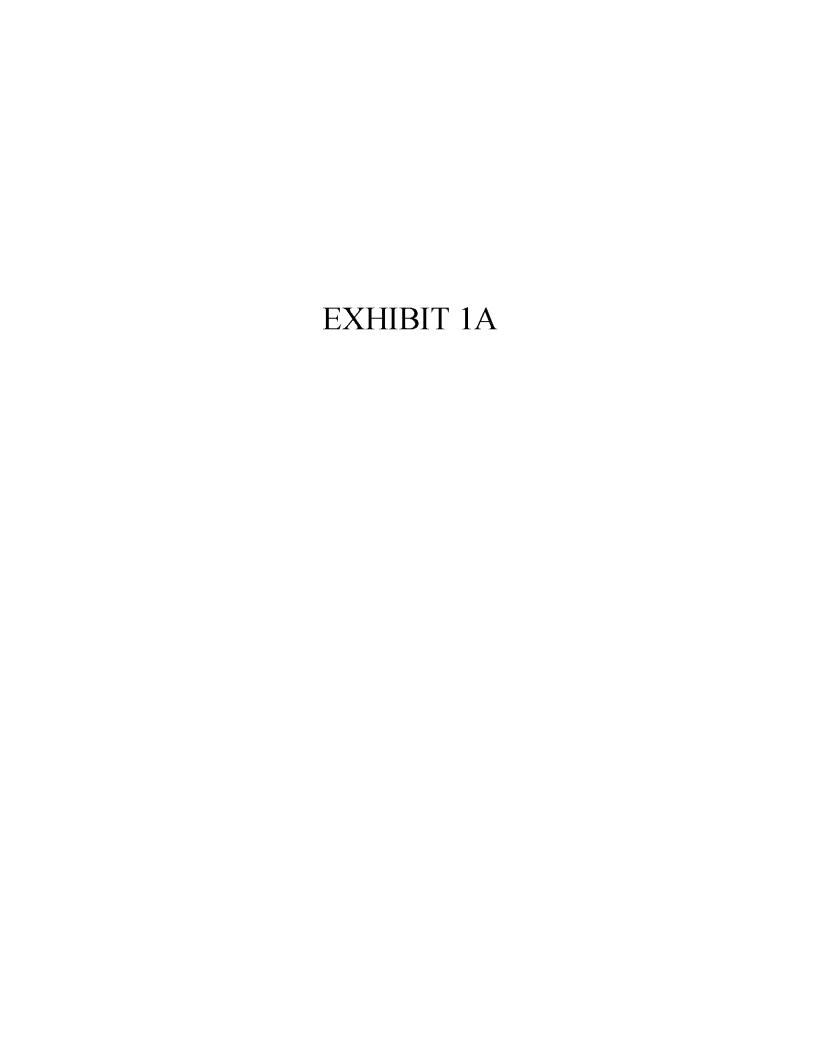
<u>Historical Reference</u>

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective Period:	Performance Target:	Deadband:	Maximum Reward:	Maximum Penalty:
SAIFI	1/1/2018 thru 2/15/2018	1.116 interruptions per customer	+/- 0.090	N/A	\$2,039,094
SAIFI	2/16/2018 thru 4/12/2018	1.116 interruptions per customer	+/- 0.090	N/A	\$2,260,799
SAIFI	4/13/2018 thru 8/31/2018	1.116 interruptions per customer	+/- 0.090	N/A	\$2,276,417
SAIFI	9/1/2018 thru 3/31/2021	1.103 interruptions per customer	+/- 0.088	N/A	\$2,276,417
SAIDI	1/1/2018 thru 2/15/2018	99.03 minutes Per outage	+/- 9.07	N/A	\$2,039,094
SAIDI	2/16/2018 thru 4/12/2018	99.03 minutes Per outage	+/- 9.07	N/A	\$2,260,799
SAIDI	4/13/2018 thru 8/31/2018	99.03 minutes Per outage	+/- 9.07	N/A	\$2,276,417
SAIDI	9/1/2018 thru 3/31/2021	99.23 minutes Per outage	+/- 8.96	N/A	\$2,276,417
Call Center	1/1/2018 thru 2/15/2018	79.07% of calls answered within 30 sec.	+/- 3.00%	\$815,638	\$815,638
Call Center	2/16/2018 thru 4/12/2018	79.46% of calls answered within 30 sec.	+/- 3.00%	\$904,320	\$904,320
Call Center	4/13/2018 thru 8/31/2018	79.56% of calls answered within 30 sec.	+/- 3.00%	\$910,567	\$910,567
Call Center	9/1/2018 thru 3/31/2021	80.10% of calls answered within 30 sec.	+/- 3.00%	\$910,567	\$910,567

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.



SHEET NO. 98 Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive

HAWAIIAN ELECTRIC COMPANY, INC.

Decision and Order No. 35165; Approving, With Modifications, Proposed Revisions To RBA Tariffs, Filed December 29, 2017. Transmittal Letter dated January 11, 2018.

Deleted:

SHEET NO. 98A Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

HAWAIIAN ELECTRIC COMPANY, INC.

Superseding Revised Sheet No. 98B Effective September 1, 2018

REVISED SHEET NO. 98B Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. The SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

For the Reliability Performance Incentive Mechanisms, the $\underline{2010-2019}$ record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ± 1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: $\underline{1.097}$ interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.074 interruptions (1 Standard Deviation)

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Decision And Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: n

Deleted: January 1, 2018

Deleted: September 1, 2018

Deleted: 2008-2017	
Deleted: 1.103	
Deleted: 0.088	
Deleted: 2016-0328	
Formatted: Font: Courier	
Formatted: Font: Courier	
Deleted: Final	
Deleted: 35545	
Formatted: Font: Courier	
Deleted: June 22, 2018	
Formatted: Font: Courier	
Formatted: Font: Courier	
Deleted: D	
Formatted: Font: Courier	
Deleted: July 23, 2018	
Formatted: Font: Courier	

Superseding Revised Sheet No. 98C Effective September 1, 2018

REVISED SHEET NO. 98C Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Range for no penalty: 1.023 interruptions to 1.171 interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable Penalties for greater than 1.171 interruptions per customer

Target: 101.09 minutes per outage

Deadband: ± 9.31 minutes (1 Standard Deviation)

Range for no penalty: 91.78 minutes to 110.40 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than <u>110.40</u> minutes per outage

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$2,278,410,.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 4 of 2018 to Quarter 3 of 2020.

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Final Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: January 1, 2018

Deleted: September 1, 2018

Deleted: 1,015

Deleted: 1.191

Deleted: 1.191

Deleted: 2, 276, 417

Deleted: 99.23

Deleted: 8.96

Deleted: 90.27 Deleted: 108.19

Deleted: 108.19

Deleted: 2, 276, 417

Deleted: 3

Deleted: 2016

Deleted: 2 Deleted: 2018

Deleted: 2016-0328 Deleted: A

Deleted: 35545

Formatted: Font: Courier

Formatted: Font: Courier

Formatted: Font: Courier

Formatted: Font: Courier

Deleted: June 22, 2018

Formatted: Font: Courier Deleted: D

Formatted: Font: Courier

Deleted: July

Deleted: 23, 2018

Formatted: Font: Courier

Superseding Revised Sheet No. 98D Effective June 1, 2019

REVISED SHEET NO. 98D Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Deleted: September 1, 2018

Deleted: June 1, 2019

Deleted: 80.10

Deleted: 77.10 Deleted: 83.10

Deleted: 83.10 Deleted: 77.10

Deleted: 910, 567 Deleted: 910, 567

<u>Call Center Performance</u>:

Performance Target: 86.14% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: <u>83.14</u> % of calls answered to <u>89.14</u>% of calls answered.

Rewards apply for greater than $\underbrace{89.14}_{\$}$ % of calls answered Penalties apply for less than $\underbrace{83.14}_{\$}$ % of calls answered

Maximum Reward Amount: \$911,364.
Maximum Penalty Amount: \$911,364.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

Deleted: May 28, 2019

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

<u>Historical Reference</u>

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective	Performance	Deadband:	Maximum	Maximum
	Period:	Target:		Reward:	Penalty:
SAIFI	1/1/2018 thru 2/15/2018	1.116 interruptions per customer	+/- 0.090	N/A	\$2,039,094
SAIFI	2/16/2018 thru 4/12/2018	1.116 interruptions per customer	+/- 0.090	N/A	\$2,260,799
SAIFI	4/13/2018 thru 8/31/2018	1.116 interruptions per customer	+/- 0.090	N/A	\$2,276,417
SAIFI	9/1/2018 thru 3/31/2021	1.103 interruptions per customer	+/- 0.088	N/A	\$2,276,417
SAIDÍ	1/1/2018 thru 2/15/2018	99.03 minutes Per outage	+/- 9.07	N/A	\$2,039,094
SAIDI	2/16/2018 thru 4/12/2018	99.03 minutes Per outage	+/- 9.07	N/A	\$2,260,799
SAIDI	4/13/2018 thru 8/31/2018	99.03 minutes Per outage	+/- 9.07	N/A	\$2,276,417
SAIDI	9/1/2018 thru 3/31/2021	99.23 minutes Per outage	+/- 8.96	N/A	\$2,276,417
Call Center	1/1/2018 thru 2/15/2018	79.07% of calls answered within 30 sec.	+/- 3.00%	\$815,638	\$815,638
Call Center	2/16/2018 thru 4/12/2018	79.46% of calls answered within 30 sec.	+/- 3.00%	\$904,320	\$904,320
Call Center	4/13/2018 thru 8/31/2018	79.56% of calls answered within 30 sec.	+/- 3.00%	\$910,567	\$910,567
<u>Call</u> <u>Center</u>	9/1/2018 thru 3/31/2021	80.10% of calls answered within 30 sec.	+/- 3.00%	\$910,567	\$910,567

Formatted: Centered

Formatted: Centered

Deleted: 2016-0328

Deleted: Final

Deleted: A

Deleted: 35545

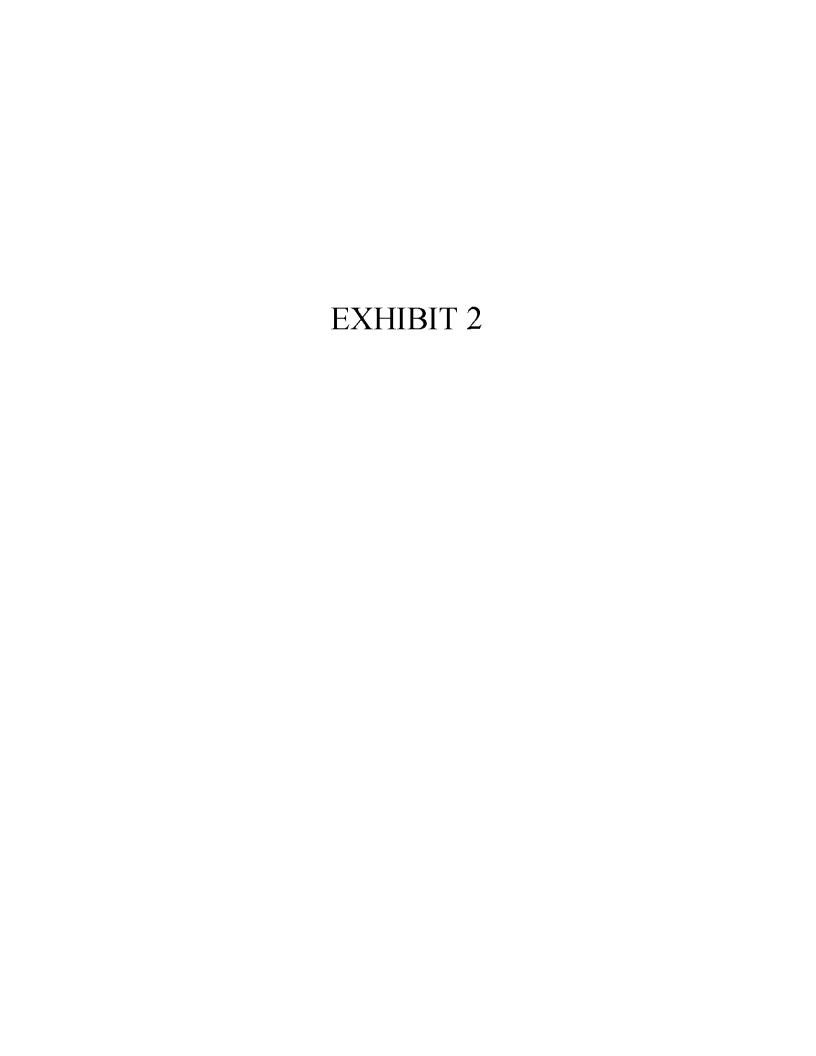
Deleted: June 22, 2018

Deleted: D

Deleted: July 23, 2018

HAWAIIAN ELECTRIC COMPANY, INC

Docket No. <u>2019-0110</u>; Decision and Order No. <u>37600</u>, Filed on <u>February 2</u>, 2021. Transmittal Letter <u>dated February 12</u>, 2021.



PERFORMANCE INCENTIVE MECHANISM PROVISION

<u>Introduction</u>

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

HAWAII ELECTRIC LIGHT COMPANY, INC

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

HAWAII ELECTRIC LIGHT COMPANY, INC

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

For the Reliability Performance Incentive Mechanisms, the 2010-2019 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ± 1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: 1.434 interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.248 interruptions (1 Standard Deviation)

HAWAII ELECTRIC LIGHT COMPANY, INC

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective November 1, 2020

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Range for no penalty: 1.186 interruptions to 1.682 interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.682 interruptions per customer

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$607,448.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 146.26 minutes per outage

Deadband: ± 30.21 minutes (1 Standard Deviation)

Range for no penalty: 116.05 minutes to 176.47 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 176.47 minutes per outage

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$607,448.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

HAWAII ELECTRIC LIGHT COMPANY, INC

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective November 1, 2020

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 3 of 2018 to Quarter 2 of 2020.

Call Center Performance:

Performance Target: 84.73% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 81.73% of calls answered to 87.73% of calls answered.

Rewards apply for greater than 87.73% of calls answered Penalties apply for less than 81.73% of calls answered

Maximum Reward Amount: \$242,979. Maximum Penalty Amount: \$242,979.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

HAWAII ELECTRIC LIGHT COMPANY, INC

Docket No. 2018-0368; Order No. 37237, Filed on July 28, 2020. Transmittal Letter Dated August 27, 2020.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

<u>Historical Reference</u>

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective Period:	Performance Target:	Deadband:	Maximum Reward:	Maximum Penalty:
SAIFI	10/1/2018 thru	1.374 interruptions	+/- 0.251	N/A	\$545,708
SAIFI	12/31/2019 1/1/20 thru	per customer 1.418 interruptions	+/- 0.250	N/A	\$607,448
	10/31/20	per customer			
SAIDI	10/1/2018 thru 12/31/2019	134.13 minutes Per outage	+/- 21.32	N/A	\$545,708
SAIDI	1/1/20 thru 10/31/20	144.32 minutes Per outage	+/- 29.74	N/A	\$607,448
Call Center	1/1/2019 thru 12/31/2019	83.25% of calls answered within 30 sec.	+/- 3.00%	\$218,283	\$218,283
Call Center	1/1/20 thru 10/31/20	84.30% of calls answered within 30 sec.	+/- 3.00%	\$242,979	\$242,979



SHEET NO. 95 Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

HAWAII ELECTRIC LIGHT COMPANY, INC

SHEET NO. 95A Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

HAWAII ELECTRIC LIGHT COMPANY, INC

Superseding Revised Sheet No. 95B Effective November 1, 2020

REVISED SHEET NO. 95B Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. The SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

For the Reliability Performance Incentive Mechanisms, the 2010-2019 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ± 1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: 1.434 interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.248 interruptions (1 Standard Deviation)

HAWAII ELECTRIC LIGHT COMPANY, INC

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: January 1, 2020

Deleted: November 1, 2020

Deleted: 2018-0368

Deleted: 37237

Deleted: July 28, 2020

Deleted: 9

Deleted: Dated

Deleted: August 27, 2020

Superseding Revised Sheet No. 95C Effective January 1, 2020

REVISED SHEET NO. 95C Effective November 1, 2020

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Range for no penalty: 1.186 interruptions to 1.682 interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.682 interruptions per customer

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$607,448.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 146.26 minutes per outage

Deadband: ± 30.21 minutes (1 Standard Deviation)

Range for no penalty: 116.05 minutes to 176.47 minutes per outage (\pm 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 176.47 minutes per outage

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$607,448.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Deleted: 2018-0368

Deleted: 37237

Deleted: July 28, 2020

Deleted: ¶

Deleted: D

Deleted: August 27, 2020

HAWAII ELECTRIC LIGHT COMPANY, INC

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Superseding Revised Sheet No. 95D Effective January 1, 2020

REVISED SHEET NO. 95D Effective November 1, 2020

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 3 of 2018 to Quarter 2 of 2020.

Call Center Performance:

Performance Target: 84.73% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 81.73% of calls answered to 87.73% of calls answered.

Rewards apply for greater than 87.73% of calls answered Penalties apply for less than 81.73% of calls answered

Maximum Reward Amount: \$242,979. Maximum Penalty Amount: \$242,979.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

HAWAII ELECTRIC LIGHT COMPANY, INC

Docket No. 2018-0368; Order No. 37237, Filed on July 28, 2020. Transmittal Letter Dated August 27, 2020.

Superseding Sheet No. 95E Effective January 1, 2020 REVISED SHEET NO. 95E Effective November 1, 2020

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)

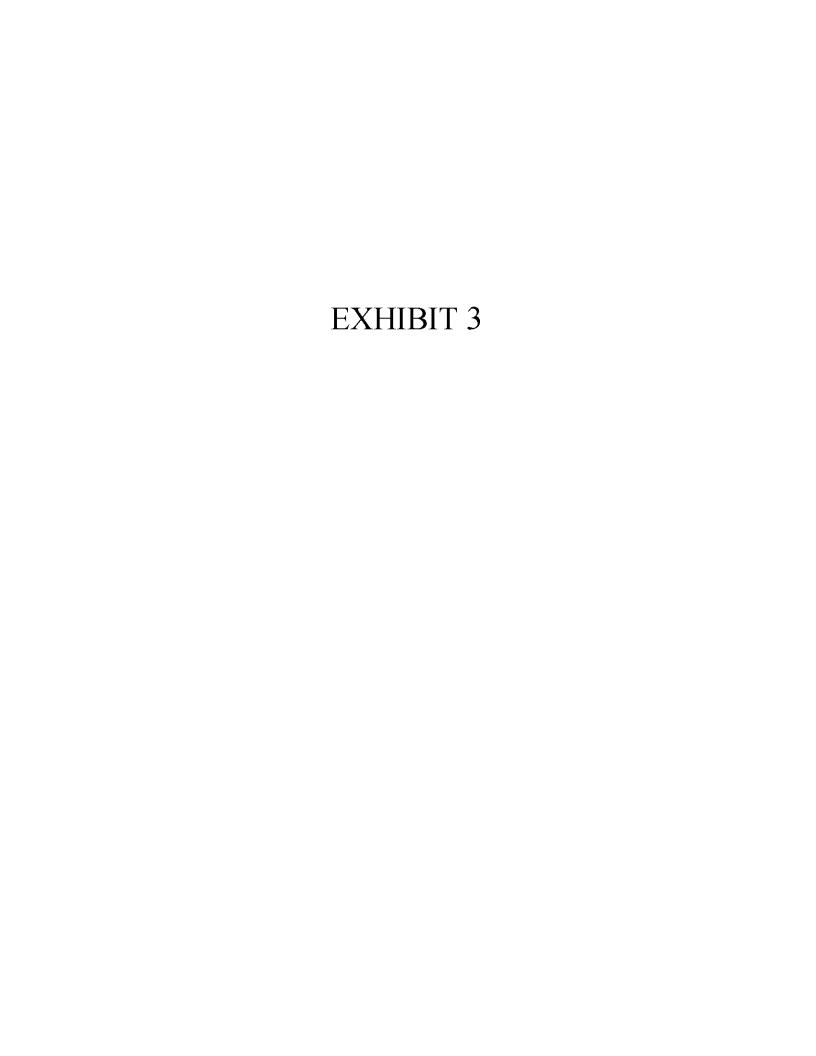
Historical Reference

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective Period:	Performance Target:	Deadband:	Maximum Reward:	Maximum Penalty:
SAIFI	10/1/2018 thru 12/31/2019	1.374 interruptions per customer	+/- 0.251	N/A	\$545,708
SAIFI	1/1/20 thru 10/31/20	1.418 interruptions per customer	+/- 0.250	N/A	\$607,448
SAIDI	10/1/2018 thru 12/31/2019	134.13 minutes Per outage	+/- 21.32	N/A	\$545,708
SAIDI	1/1/20 thru 10/31/20	144.32 minutes Per outage	+/- 29.74	N/A	\$607,448
Call Center	1/1/2019 thru 12/31/2019	83.25% of calls answered within 30 sec.	+/- 3.00%	\$218,283	\$218,283
Call Center	1/1/20 thru 10/31/20	84.30% of calls answered within 30 sec.	+/- 3.00%	\$242,979	\$242,979

HAWAII ELECTRIC LIGHT COMPANY, INC

Docket No. 2018-0368; Order No. 37237, Filed on July 28, 2020. Transmittal Letter Dated August 27, 2020.



PERFORMANCE INCENTIVE MECHANISM PROVISION Maui, Lanai, and Molokai Divisions

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the twelve month period commencing June 1 of the year following the

MAUI ELECTRIC COMPANY, LTD

SHEET NO. 101A Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

MAUI ELECTRIC COMPANY, LTD

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

MAUI ELECTRIC COMPANY, LTD

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

For the Reliability Performance Incentive Mechanisms, the 2009-2018 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ±1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

<u>SA</u>IFI:

Performance Target: 1.435 interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.212 interruptions (1 Standard Deviation)

Range for no penalty: 1.223 interruptions to 1.647 interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.647 interruptions per customer

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

SAIDI:

Target: 113.54 minutes per outage

Deadband: ± 23.34 minutes (1 Standard Deviation)

Range for no penalty: 90.20 minutes to 136.88 minutes per outage

(± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 136.88 minutes per outage

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 2 of 2017 to Quarter 1 of 2019.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

<u>Call Center Performance</u>:

Performance Target: 87.56% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 84.56% of calls answered to 90.56% of calls answered.

Rewards apply for greater than 90.56% of calls answered Penalties apply for less than 84.56% of calls answered

Maximum Reward Amount: \$207,245. Maximum Penalty Amount: \$207,245.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

<u>Historical Reference</u>

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective Period:	Performance Target:	Deadband:	Maximum Reward:	Maximum Penalty:	
SAIFI	1/1/2018 thru 8/22/2018	1.436 interruptions per customer	+/- 0.241	N/A	\$506,965	
SAIFI	8/23/2018 thru 5/31/2019	1.422 interruptions per customer	+/- 0.224	N/A	\$527,289	
SAIFI	6/1/2019 thru 3/31/2021	1.508 interruptions per customer	+/- 0.221	N/A	\$518,113	
SAIDI	1/1/2018 thru 8/22/2018	112.67 minutes Per outage	+/- 23.22	N/A	\$506,965	
SAIDI	8/23/2018 thru 5/31/2019	118.47 minutes Per outage	+/- 22.53	N/A	\$527,289	
SAIDI	6/1/2019 thru 3/31/2021	130.61 minutes Per outage	+/- 33.57	N/A	\$518,113	
Call Center	1/1/2018 thru 8/22/2018	91.34% of calls answered within 30 sec.	+/- 3.00%	\$202,786	\$202,786	
Call Center	8/23/2018 thru 5/31/2019	87.22% of calls answered within 30 sec.	+/- 3.00%	\$210,916	\$210,916	

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

PERFORMANCE INCENTIVE MECHANISM PROVISION Maui, Lanai, and Molokai Divisions

<u>Introduction</u>

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the

MAUI ELECTRIC COMPANY, LTD

SHEET NO. 112A Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

MAUI ELECTRIC COMPANY, LTD

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM. The magnitude of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. The SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

For the Reliability Performance Incentive Mechanisms, the 2009-2018 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ±1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: 1.435 interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.212 interruptions (1 Standard Deviation)

Range for no penalty: 1.223 interruptions to 1.647 interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.647 interruptions per customer

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$518,113

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 113.54 minutes per outage

Deadband: ± 23.34 minutes (1 Standard Deviation)

Range for no penalty: 90.20 minutes to 136.88 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 136.88 minutes per outage

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 2 of 2017 to Quarter 1 of 2019.

Call Center Performance:

Performance Target: 87.56% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 84.56% of calls answered to 90.56% of calls answered.

Rewards apply for greater than 90.56% of calls answered Penalties apply for less than 84.56% of calls answered

Maximum Reward Amount: \$207,245. Maximum Penalty Amount: \$207,245.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

<u>Historical Reference</u>

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective Period:			Maximum Reward:	Maximum Penalty:
SAIFI	1/1/2018 thru 8/22/2018	1.436 interruptions per customer	+/- 0.241	N/A	\$506,965
SAIFI	8/23/2018 thru 5/31/2019	1.422 interruptions per customer	+/- 0.224	N/A	\$527,289
SAIFI	6/1/2019 thru 3/31/2021	u interruptions		N/A	\$518,113
SAIDI	1/1/2018 thru 8/22/2018	112.67 minutes Per outage	+/- 23.22	N/A	\$506,965
SAIDI	8/23/2018 thru 5/31/2019	118.47 minutes Per outage	+/- 22.53	N/A	\$527,289
SAIDI	6/1/2019 thru 3/31/2021	130.61 minutes Per outage	+/- 33.57	N/A	\$518,113
Call Center	1/1/2018 thru 8/22/2018	91.34% of calls answered within 30 sec.	+/- 3.00%	\$202,786	\$202,786
Call Center	8/23/2018 thru 5/31/2019	87.22% of calls answered within 30 sec.	+/- 3.00%	\$210,916	\$210,916

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

PERFORMANCE INCENTIVE MECHANISM PROVISION Maui, Lanai, and Molokai Divisions

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the

MAUI ELECTRIC COMPANY, LTD

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

MAUI ELECTRIC COMPANY, LTD

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021. Superseding Revised Sheet No. 156C REVISED SHEET NO. 156C Effective June 1, 2019

Effective April 1, 2021

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

For the Reliability Performance Incentive Mechanisms, the 2009-2018 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ±1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: 1.435 interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.212 interruptions (1 Standard Deviation)

Range for no penalty: 1.223 interruptions to 1.647 interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.647 interruptions per customer

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 113.54 minutes per outage

Deadband: ± 23.34 minutes (1 Standard Deviation)

Range for no penalty: 90.20 minutes to 136.88 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 136.88 minutes per outage

Maximum Reward Amount: Not Applicable

Maximum Penalty Amount: \$518,113.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 2 of 2017 to Quarter 1 of 2019.

<u>Call Center Performance</u>:

Performance Target: 87.56% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 84.56% of calls answered to 90.56% of calls answered.

Rewards apply for greater than 90.56% of calls answered Penalties apply for less than 84.56% of calls answered

Maximum Reward Amount: \$207,245. Maximum Penalty Amount: \$207,245.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

SHEET NO. 156D.1 Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

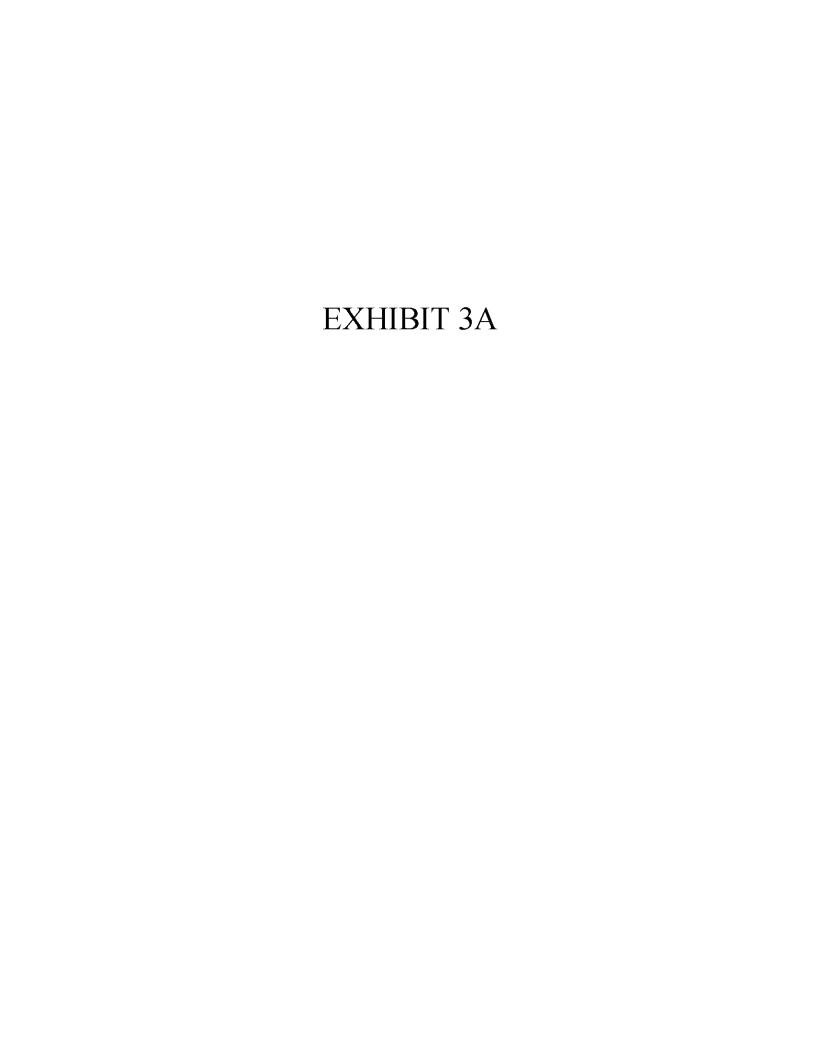
<u>Historical Reference</u>

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective Period:	Performance Target:	Deadband:	Maximum Reward:	Maximum Penalty:
SAIFI	1/1/2018 thru 8/22/2018	1.436 interruptions per customer	+/- 0.241	N/A	\$506,965
SAIFI	8/23/2018 thru 5/31/2019	1.422 interruptions per customer	+/- 0.224	N/A	\$527,289
SAIFI	6/1/2019 thru 3/31/2021	1.508 interruptions per customer	+/- 0.221	N/A	\$518,113
SAIDI	1/1/2018 thru 8/22/2018	112.67 minutes Per outage	+/- 23.22	N/A	\$506,965
SAIDI	8/23/2018 thru 5/31/2019	118.47 minutes Per outage	+/- 22.53	N/A	\$527,289
SAIDI	6/1/2019 thru 3/31/2021	130.61 minutes Per outage	+/- 33.57	N/A	\$518,113
Call Center	1/1/2018 thru 8/22/2018	91.34% of calls answered within 30 sec.	+/- 3.00%	\$202,786	\$202,786
Call Center	8/23/2018 thru 5/31/2019	87.22% of calls answered within 30 sec.	+/- 3.00%	\$210,916	\$210,916

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.



SHEET NO. 101 Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION Maui, Lanai, and Molokai Divisions

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the twelve month period commencing June 1 of the year following the

MAUI ELECTRIC COMPANY, LTD

SHEET NO. 101A Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

MAUI ELECTRIC COMPANY, LTD

SHEET NO. 101B Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

MAUI ELECTRIC COMPANY, LTD

Superseding Revised Sheet No. 101C Effective June 1, 2019

REVISED SHEET NO. 101C Effective April 1, 2021

Deleted: October 1, 2018

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. The SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

For the Reliability Performance Incentive Mechanisms, the 2009-2018 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ± 1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: $\underline{1.435}$ interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.212 interruptions (1 Standard Deviation)

Range for no penalty: $\underline{1.223}$ interruptions to $\underline{1.647}$ interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 1.647 interruptions per customer

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: 1

Deleted: 1.508

Deleted: 0.221

Deleted: 1.287 Deleted: 1.729

Deleted: 1.729

Deleted: 2017-0150

Deleted: 36219

Deleted: March 18, 2019

Deleted: D

Deleted: April 17, 2019

Superseding Revised Sheet No. 101D Effective June 1, 2019,

REVISED SHEET NO. 101D Effective April 1, 2021

Deleted: October 1, 2018

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

SAIDI:

Target: 113.54 minutes per outage

Deadband: ± 23.34 minutes (1 Standard Deviation)

Range for no penalty: 90.20 minutes to 136.88 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 136.88 minutes per outage

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 2 of 2017 to Quarter 1 of 2019.

Deleted: 130.61

Deleted: 33.57

Deleted: 97.04 Deleted: 164.18

Deleted: 164.18

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: 2017-0150

Deleted: 36219

Deleted: March 18, 2019

Deleted: D

Deleted: April 17, 2019

Superseding Revised Sheet No. 101E Effective October 1, 2018 REVISED SHEET NO. 101E Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

Call Center Performance:

Performance Target: 87.56% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 84.56% of calls answered to 90.56% of calls answered.

Rewards apply for greater than 90.56% of calls answered Penalties apply for less than 84.56% of calls answered

Maximum Reward Amount: \$207,245. Maximum Penalty Amount: \$207,245.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

Deleted: October 1, 2018

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

<u>Historical Reference</u>

Effective Performance Period: Target:		Deadband:	Maximum Reward:	Maximum Penalty:	
1/1/2018 thru 8/22/2018	1.436 interruptions per customer	+/- 0.241	N/A	\$506,965	
8/23/2018 thru 5/31/2019	1.422 interruptions per customer	+/- 0.224	N/A	\$527,289	
6/1/2019 1.508 thru interruptions 3/31/2021 per customer ±		+/- 0.221	N/A	\$518,113	
1/1/2018 112.67 minutes thru Per outage		+/- 23.22	N/A	\$506,965	
8/23/2018 thru 5/31/2019	118.47 minutes Per outage	+/- 22.53	N/A	\$527,289	
01 6/1/2019 130.61 minutes thru 2/31/2021 Per outage		+/- ,33.57	N/A	\$518,113	
1/1/2018 thru 8/22/2018	91.34% of calls answered within 30 sec.	+/- 3.00%	\$202,786	\$202,786	
8/23/2018 thru 5/31/2019	87.22% of calls answered within 30 sec.	+/- 3.00%	\$210,916	\$210,916	
	Period: 1/1/2018 thru 8/22/2018 8/23/2018 thru 5/31/2019 6/1/2019 thru 3/31/2021 1/1/2018 thru 8/22/2018 8/23/2018 thru 5/31/2019 6/1/2019 thru 3/31/2021 1/1/2018 thru 8/22/2018 8/23/2018 thru 8/22/2018 thru 8/23/2018 thru	Period: Target: 1/1/2018	Period: Target: 1/1/2018	Period: Target: Reward: 1/1/2018	

Deleted:

Deleted: 8
Deleted: 23
Deleted: 8
Deleted: 118.47
Deleted: 22.53
Formatted: Centered
Deleted: 5
Deleted: 19

Deleted: 2017-0150

Deleted: 36219

Deleted: March

Deleted: 18, 2019

Deleted: Dated

Deleted: April 17, 2019

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

SHEET NO. 112 Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION Maui, Lanai, and Molokai Divisions

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the

MAUI ELECTRIC COMPANY, LTD

SHEET NO. 112A Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

MAUI ELECTRIC COMPANY, LTD

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. The SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: Decision and Order No. 35165; Approving, With Modifications, Proposed Revisions To RBA Tariffs, Filed December 29, 2017.¶

Transmittal Letter dated January 11, 2018.9

Superseding Revised Sheet No. 112C Effective June 1, 2019

REVISED SHEET NO. 112C Effective April 1, 2021

Deleted: October 1, 2018

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

For the Reliability Performance Incentive Mechanisms, the 2009-2018 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ± 1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: $\underline{1.435}$ interruptions per customer during the one-year Evaluation Period

Deadband: ± <u>0.212</u> interruptions (1 Standard Deviation)

Range for no penalty: 1.223 interruptions to 1.647 interruptions per customer (± 1 Standard Deviation from Target)

Penalties for greater than <u>1.647</u> interruptions per customer

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$518,113

Rewards: Not Applicable

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 113.54 minutes per outage

Deadband: ± 23.34 minutes (1 Standard Deviation)

Range for no penalty: 90.20 minutes to 136.88 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 136.88 minutes per outage

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: 1.508

Deleted: 0.221

Deleted: 1.287 Deleted: 1.729

Deleted: 1.729

Deleted: 130, 61

Deleted: 33.57 Deleted: 97.04

Deleted: 164.18
Deleted: 164.18
Deleted: 2017-0150

Deleted: 36219

Deleted: March 18, 2019

Deleted: D

Deleted: April 17, 2019

Superseding Revised Sheet No. 112D Effective October 1, 2018

REVISED SHEET NO. 112D Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 2 of 2017 to Quarter 1 of 2019.

Call Center Performance:

Performance Target: 87.56% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 84.56% of calls answered to 90.56% of calls answered.

Rewards apply for greater than 90.56% of calls answered Penalties apply for less than 84.56% of calls answered

Maximum Reward Amount: \$207,245. Maximum Penalty Amount: \$207,245.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

SHEET NO. 112D.1 Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

Deleted: October 1, 2018

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

<u>Historical Reference</u>

PIM:	Effective Period:	Period: Target: 1/1/2018 1.436 + interruptions		Period: Target: 1/1/2018 1.436 +/- 0.241 thru interruptions		Maximum Reward:	Maximum Penalty:	
SAIFI						N/A	\$506,965	
SAIFI	8/23/2018 thru 5/31/2019	1.422 interruptions per customer	+/- 0.224	N/A	\$527,289			
SAIFI	6/1/2019 thru 3/31/2021	thru interruptions		N/A	\$518,113			
SAIDI	1/1/2018 thru 8/22/2018	112.67 minutes +/- 23. Per outage		N/A	\$506,965			
SAIDI	8/23/2018 thru 5/31/2019	118.47 minutes Per outage	+/- 22.53	N/A	\$527,289			
SAIDI	6/1/2019 thru 3/31/2021	130.61 minutes Per outage	+/- 33.57	N/A	\$518,113			
Call Center	1/1/2018 thru 8/22/2018	91.34% of calls answered within 30 sec.	+/- 3.00%	\$202,786	\$202,786			
Call Center	8/23/2018 thru 5/31/2019	87.22% of calls answered within 30 sec.	+/- 3.00%	\$210,916	\$210,916			

Formatted: Centered

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: 2017-0150

Deleted: 36219

Deleted: March 18, 2019

Deleted: Dated

Deleted: April 17, 2019

SHEET NO. 156 Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION Maui, Lanai, and Molokai Divisions

Introduction

This Performance Incentive Mechanism ("PIM") Provision provides for the determination of a PIM Financial Incentive for each approved PIM for each Evaluation Period, based on Measured Performance compared to an established Performance Target for each PIM, as specified below.

The sum of the PIM Financial Incentives determined for all PIMs for the Evaluation Period will be the Performance Incentive Adjustment, which will be applied as an adjustment to the effective Target Revenue and will be recovered from or credited to customers through the RBA Rate Adjustment, as defined by and in accordance with the terms of the Revenue Balancing Account ("RBA") Provision.

Annual PIM Provision Transmittal

On or before March 31 of the year following an Evaluation Period, the Company shall file with the Commission, the Consumer Advocate, and each party to the Company's most recent rate case proceeding, a transmittal documenting the Measured Performance and calculation of the PIM Financial Incentives and Performance Incentive Adjustment for the Evaluation Period. Complete, indexed schedules, workpapers and electronic files supporting the transmittal shall be provided with the transmittal. The Company will be prepared to provide information as may be requested to ensure adequate review by the Commission, Consumer Advocate, other rate case parties, and other interested persons that may propose any adjustments necessary to bring the schedules into compliance with the above provisions and will work collaboratively to reach agreement on any proposed adjustments.

The review of the annual PIM Provision transmittal will be conducted concurrent with and in conjunction with the annual RBA Review Transmittal. The Performance Incentive Adjustment will be determined annually based on the PIM Provision transmittal and, after review and subject to explicit approval by the Commission, will become effective on June 1 of the year following the Evaluation Period, concurrent and in conjunction with determination of Target Revenues and the RBA Rate Adjustment in accordance with the RBA Provision. Any approved Performance Incentive Adjustment will be applied as monthly adjustments to Target Revenues for the

MAUI ELECTRIC COMPANY, LTD

SHEET NO. 156A Effective January 1, 2018

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

twelve month period commencing June 1 of the year following the Evaluation Period in accordance with the Monthly Allocation Factors identified in the RBA Provision.

The Performance Targets, Deadbands and the amount of Maximum Financial Incentives used to determine the PIM Financial Incentive levels for each of the PIMs shall be re-determined upon issuance of an interim or final order in a general rate case for each Company, and shall remain constant in interim periods, unless otherwise amended, as necessary, by order of the Commission.

In the event that Performance Targets, Deadbands or the amounts of Maximum Financial Incentives are updated or amended by order of the Commission during the Evaluation Period, the Performance Targets, Deadbands and the amounts of Maximum Financial Incentives used in determining the amount of PIM Financial Incentives shall be a prorated weighted average based on the number of days of the Evaluation Period each parameter was effective.

Any revenue adjustments approved in accordance with this PIM Provision shall be excluded from the determination of Earnings Sharing Credits provided for in the Rate Adjustment Mechanism Provision ("RAM Provision").

The Performance Incentive Adjustment, and any prior year Performance Incentive Adjustment, shall be recalculated for errors in prior calculations and for subsequent Commission orders that change the basis for prior calculations. The effect of such changes shall be implemented as described in the RBA Provision, except that, the Performance Target, Deadband and Maximum Financial Incentive amounts determined in this PIM Provision shall not be recalculated based on errors in the calculation of these parameters and shall remain as specified unless and until changed by order of the Commission.

Evaluation Period

The Evaluation Period is defined as the annual twelve month calendar year period ending December 31, over which Measured Performance is determined and compared to the established Performance Target for each PIM described below. The first Evaluation Period shall begin January 1, 2018.

MAUI ELECTRIC COMPANY, LTD

Superseding Revised Sheet No. 156B Effective June 1, 2019

REVISED SHEET NO. 156B Effective April 1, 2021

Deleted: October 1, 2018

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

PIM Financial Incentive Calculation

For each PIM below, a Performance Target is specified, developed based on historical performance data. A Deadband is specified for each Performance Target in order to provide a satisfactory range of performance within which no reward or penalty amount is assessed.

A Maximum Financial Incentive amount is specified for each PIM with separate identification of a Maximum Reward Amount and a Maximum Penalty Amount.

Measured Performance for the Evaluation Period is compared to the Performance Target for each PIM. If the difference between Measured Performance and the Performance Target is less than or equal to the Deadband amount, no reward or penalty is awarded and the amount of the PIM Financial Incentive is zero. If the difference between Measured Performance and the Performance Target exceeds the Deadband amount, a reward or penalty ratio is calculated where the difference between Measured Performance and the Performance Target, less the Deadband amount, is the numerator and the Deadband amount is the denominator. This ratio is multiplied by either the Maximum Reward Amount or Maximum Penalty Amount, as applicable, to determine the PIM Financial Incentive for each PIM. The magnitude of the PIM Financial Incentive for each PIM shall not exceed 100% of the magnitude of the applicable Maximum Reward Amount or Maximum Penalty Amount established for each PIM.

Reliability Performance Incentive Mechanisms

There are two reliability PIMs: 1) System Average Interruption Frequency Index ("SAIFI"); and 2) System Average Interruption Duration Index ("SAIDI"). SAIFI is a measure of the average frequency of outages, defined as the annual total number of customer interruptions divided by the total number of customers served. SAIDI is a measure of the average duration of outage, defined as the sum of all customer interruption durations (in minutes) divided by the total number of customers served. The SAIFI and SAIDI Measured Performance and Performance Targets are determined using the IEEE Standard 1366 methodology as adjusted to normalize events in accordance with Docket No. 2019-0110, Decision and Order No. 37600.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: 2017-0150

Deleted: 36219

Deleted: March 18, 2019

Deleted: Dated

Deleted: April 17, 2019

Superseding Revised Sheet No. 156C Effective June 1, 2019

REVISED SHEET NO. 156C Effective April 1, 2021

Deleted: October 1, 2018

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

For the Reliability Performance Incentive Mechanisms, the 2009-2018 record of historical performance data was used to establish the Performance Target and the Deadband. The Deadband was calculated as ± 1 standard deviation of the historical performance data. Accordingly, 100% of the penalty is achieved when Measured Performance is equal to or greater than 2 standard deviations from the Performance Target.

SAIFI:

Performance Target: $\underline{1.435}$ interruptions per customer during the one-year Evaluation Period

Deadband: ± 0.212 interruptions (1 Standard Deviation)

Range for no penalty: <u>1.223</u> interruptions to <u>1.647</u> interruptions per customer (± 1 Standard Deviation from Target)

Rewards: Not Applicable Penalties for greater than <u>1.647</u> interruptions per customer

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$518,113.

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

SAIDI:

Target: 113.54 minutes per outage

Deadband: ± 23.34 minutes (1 Standard Deviation)

Range for no penalty: 90.20 minutes to 136.88 minutes per outage (± 1 Standard Deviation from Target)

Rewards: Not Applicable

Penalties for greater than 136.88 minutes per outage

Maximum Reward Amount: Not Applicable Maximum Penalty Amount: \$518,113.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Deleted: 1.508

Deleted: 0.221

Deleted: 1.287

Deleted: 1.729

Deleted: 130.61

Deleted: 33.57

Deleted: 97.04 Deleted: 164.18 Deleted: 164.18

Deleted: ¶

Deleted: 2017-0150

Deleted: 36219

Deleted: March 18, 2019

Deleted: Dated

Deleted: April 17, 2019

Superseding Revised Sheet No. 156D Effective October 1, 2018

REVISED SHEET NO. 156D Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

The Maximum Penalty Amount was determined to be equal to 0.20% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

Call Center Performance Incentive Mechanism

The Call Center Performance PIM measures the performance of the utility call center in terms of the percentage of calls answered within thirty (30) seconds. The calculation of the call center performance shall exclude blocked calls from the denominator.

The Performance Target for the Call Center Performance Incentive Mechanism was calculated based on the average of quarterly data from Quarter 2 of 2017 to Quarter 1 of 2019.

Call Center Performance:

Performance Target: 87.56% of calls answered within 30 seconds

Deadband: +/- 3.00% of calls answered within 30 seconds

Range for no reward or penalty: 84.56% of calls answered to 90.56% of calls answered.

Rewards apply for greater than 90.56% of calls answered Penalties apply for less than 84.56% of calls answered

Maximum Reward Amount: \$207,245. Maximum Penalty Amount: \$207,245.

The magnitude of the Maximum Reward Amount and Maximum Penalty Amount were determined to be equal to 0.08% of Common Equity Share of Approved Average Test Year Rate Base determined in the most recent interim or final order in a general rate case for each Company.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

SHEET NO. 156D.1 Effective June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued)
Maui, Lanai, and Molokai Divisions

Additional PIMs:

The Commission may order the establishment of one or more PIMs, and the targets, deadbands, rewards, penalties, and allocations for that PIM, as applicable, shall be implemented as specified in the Commission's order that approved the applicable PIM, and the applicable PIM Financial Incentive shall be included in the Performance Incentive Adjustment.

Commission's Authority

The Commission may suspend any or all parts of this PIM Provision. Such suspension shall remain in place until removed by Commission order.

MAUI ELECTRIC COMPANY, LTD

Docket No. 2017-0150; Decision and Order No. 36219, Filed on March 18, 2019. Transmittal Letter Dated April 17, 2019.

REVISED SHEET NO. 156E Effective April 1, 2021

Deleted: October 1, 2019

Deleted: June 1, 2019

PERFORMANCE INCENTIVE MECHANISM PROVISION (continued) Maui, Lanai, and Molokai Divisions

Historical Reference

The following table summarizes the prior PIMs in effect, as these values may be applicable during certain portions of the Evaluation Period.

PIM:	Effective Period:	Performance Target:	Deadband:	Maximum Reward:	Maximum Penalty:
SAIFI	1/1/2018 thru 8/22/2018	1.436 interruptions per customer	+/- 0.241	N/A	\$506,965
SAIFI	8/23/2018 thru 5/31/2019	1.422 interruptions per customer	+/- 0.224	N/A	\$527,289
SAIFI 6/1/2019 1.508 thru interruptions 3/31/2021 per customer		+/- 0.221	N/A	\$518,113	
SAIDI	1/1/2018 thru 8/22/2018	112.67 minutes Per outage	+/- 23.22	N/A	\$506,965
SAIDI	8/23/2018 thru 5/31/2019	118.47 minutes Per outage	+/- 22.53	N/A	\$527,289
SAIDI	6/1/2019 thru 3/31/2021	130.61 minutes Per outage	+/- 33.57	N/A	\$518,113
Call Center	1/1/2018 thru 8/22/2018	91.34% of calls answered within 30 sec.	+/- 3.00%	\$202,786	\$202,786
Call Center	8/23/2018 thru 5/31/2019	87.22% of calls answered within 30 sec.	+/- 3,00%	\$210,916	\$210,916

Formatted: Centered

Formatted: Centered

Deleted: 2017-0150

Deleted: 36219

Deleted: March 18, 2019

Deleted: D

Deleted: April 17, 2019

MAUI ELECTRIC COMPANY, LTD

Docket No. 2019-0110; Decision and Order No. 37600, Filed on February 2, 2021. Transmittal Letter dated February 12, 2021.

Hawaiian Electric

C	CURRENT METHOD							
Year	HECO SAIDI	HECO SAIFI						
2008	101.20	1.311						
2009	89.92	1.077						
2010	105.77	1.132						
2011	112.80	1.099						
2012	105.51	1.081						
2013	102.45	1.032						
2014	104.25	1.173						
2015	91.27	1.064						
2016	83.24	1.002						
2017	95.90	1.057						
Target	99.23	1.103						
Deadband	8.96	0.088						

ADJUSTED IEEE METHOD						
Year	HECO SAIDI	HECO SAIFI				
2010	105.77	1.132				
2011	112.80	1.099				
2012	105.51	1.081				
2013	96.21	1.017				
2014	104.25	1.173				
2015	91.27	1.064				
2016	83.24	1.002				
2017	95.90	1.057				
2018	111.94	1.253				
2019	104.02	1.092				
Target	101.09	1.097				
Deadband	9.31	0.074				

Hawaii Electric Light

C	CURRENT METHOD						
Year	HELCO SAIDI	HELCO SAIFI					
2010	104.91	0.975					
2011	169.37	1.744					
2012	135.24	1.567					
2013	115.26	1.604					
2014	162.03	1.641					
2015	142.01	1.292					
2016	131.14	1.276					
2017	131.90	1.153					
2018	209.14	1.615					
2019	161.55	1.477					
Target	146.26	1.434					
Deadband	30.21	0.248					

ADJUSTED IEEE METHOD						
Year	HELCO SAIDI	HELCO SAIFI				
2010	104.91	0.975				
2011	169.37	1.744				
2012	135.24	1.567				
2013	115.26	1.604				
2014	162.03	1.641				
2015	142.01	1.292				
2016	131.14	1.276				
2017	131.90	1.153				
2018	209.14	1.615				
2019	161.55	1.477				
Target	146.26	1.434				
Deadband	30.21	0.248				

Maui Electric

	CURRENT METHOD							
	SAIDI SAIFI (contribution to MECO total) (contribution to MECO total)					MECO SAIDI	MECO SAIFI	
Year	Maui	Molokai	Lanai	Maui	Molokai	Lanai	SAIDI	SAIFI
2009	114.89	3.96	0.63	1.303	0.025	0.013	119.48	1.341
2010	59.03	17.23	0.48	1.213	0.119	0.014	76.75	1.347
2011	128.24	3.47	1.70	1.506	0.066	0.030	133.41	1.602
2012	115.24	19.35	0.78	1.380	0.109	0.013	135.37	1.502
2013	77.30	21.32	4.78	0.960	0.235	0.071	103.40	1.266
2014	97.38	29.02	4.09	1.482	0.269	0.049	130.49	1.800
2015	104.07	16.57	2.43	0.992	0.204	0.033	123.07	1.230
2016	99.00	29.67	0.40	1.276	0.216	0.013	129.07	1.505
2017	121.40	24.60	0.91	1.421	0.154	0.024	146.91	1.599
2018	123.65	80.86	3.68	1.600	0.240	0.051	208.19	1.890
						Target	130.61	1.508
						Deadband	33.57	0.221

		ADJ	USTED I	EEE MET	ГНОД			
		SAIDI			SAIFI			
	(contribu	tion to MEC	O total)	(contribu	tion to MEC	O total)	MECO	MECO
Year	Maui	Molokai	Lanai	Maui	Molokai	Lanai	SAIDI	SAIFI
2009	98.05	3.96	0.35	1.274	0.025	0.011	102.35	1.310
2010	59.03	9.41	0.25	1.213	0.061	0.008	68.69	1.282
2011	128.24	3.47	0.36	1.506	0.066	0.011	132.07	1.583
2012	115.24	6.54	0.40	1.380	0.063	0.003	122.18	1.446
2013	77.30	9.18	0.43	0.960	0.184	0.004	86.91	1.148
2014	97. 38	13.87	0.38	1.482	0.188	0.006	111.63	1.676
2015	96.41	12.84	0.46	0.952	0.184	0.008	109.71	1.143
2016	99.00	19.96	0.40	1.276	0.160	0.013	119.36	1.450
2017	111.55	24.60	0.21	1.408	0.154	0.002	136.36	1.565
2018	123.65	21.82	0.69	1.600	0.137	0.013	146.16	1.750
						Target	113.54	1.435
					\mathbf{D}	eadband	23.34	0.212

Note: Annual histroical performance differs slightly compared to PUC-HECO-IR-01, due to data revisions/updates

FILED

2021 Feb 12 PM 15:20

PUBLIC UTILITIES COMMISSION

The foregoing document was electronically filed with the State of Hawaii Public Utilities Commission's Document Management System (DMS).