

FILED

2018 SEP -7 P 2: 58

PUBLIC UTILITIES COMMISSION

The Honorable Chair and Members of the Hawai'i Public Utilities Commission 465 South King Street, #103 Kekuanaoa Building, 1st Floor Honolulu, Hawai'i 96813

Dear Commissioners:

Subject: <u>Effective Rate Summaries</u>

Attached are detailed rate summaries effective September 1, 2018 for Hawaiian Electric Company, Inc., Hawai'i Electric Light Company, Inc. and Maui Electric Company, Limited's Maui, Lana'i, and Moloka'i Divisions.

Sincerely,

Kevin M. Katsura

KM. Hot

Manager

Regulatory Non-Rate Proceedings

Attachments

cc: Division of Consumer Advocacy

### HAWAIIAN ELECTRIC COMPANY, INC.

| OUDEDOED! | TO FEFFORING DATES.                                 | 0/1/0010                                   |                         |                         |          |
|-----------|---|--|-------------------------|-------------------------|----------|
|           | ES EFFECTIVE RATES:<br>ES EFFECTIVE:                | 8/1/2018<br>September 1, 2018              |                         | 09/01/18                |          |
| DAGE NATE | o Erreonve.   | Soptombol 1, 2010                          | BASE                    | EFFECTIVE               |          |
|           |   |  | RATES (\$)              | RATES (\$)1             |          |
| SCHEDULE  | 'R' RESIDENTIAL                                     |  |                         |                         |          |
| (         | Customer charge, per cus                            | tomer per month                            |                         |                         |          |
|           | Single phase service                                |  | 11.50                   | 11.50                   |          |
|           | Three phase service                                 |  | 20.50                   | 20.50                   |          |
| 1         | • •   | customer charge) - per kWh                 |                         |                         |          |
|           | First 350 kWhr per mor                              |  | 0.209090                | 0.309278                | per kwh  |
|           | Next 850 kWhr per moi                               | •  | 0.220625                | 0.320813                |          |
|           |   | Vhr per month - per kWhr                   | 0.239399<br>25.00/29.50 | 0.339587<br>25.00/29.50 |          |
|           | Minimum charge, per cust                            | per customer, per month - Add to all bills | 1.21                    |                         | per mth  |
| ,         | Green infrastructure ree,                           | per customer, per month - Add to all bills | 1.21                    | 1.21                    | per mui  |
|           | 'G' GENERAL SERVICE                                 |  |                         |                         |          |
| •         | Customer charge, per cus                            | tomer per month                            | 05.00                   | 05.00                   |          |
|           | Single phase service                                |  | 35.00                   | 35.00                   |          |
|           | Three phase service                                 |  | 63.00                   | 63.00                   |          |
|           | • •   | customer charge) - per kWh                 | 0.198291                | 0.293110                | nor kurb |
| i         | All kWh per month<br>Minimum charge, per cus        | tomor nor month                            | 50.00/78.00             | 50.00/78.00             | •        |
|           |   | per customer, per month - Add to all bills | 1.31                    |                         | per mth  |
|           |   | •  | 1.01                    | 1.01                    | por man  |
| +         | 'J' GENERAL SERVICE                                 |  |                         |                         |          |
| •         | Customer charge, per cus                            | tomer per month                            | 22.22                   |                         |          |
|           | Single phase service                                |  | 66.00                   | 66.00                   |          |
| ,         | Three phase service                                 | austamar aharra) nar kW                    | 98.20                   | 98.20                   |          |
|           | pemand cnarge (added to<br>All Billing kW per montl | customer charge) - per kW                  | 13.0000                 | 13.0000                 | nor kw   |
| 1         |   | customer & demand charge) - per kWh        | 13.0000                 | 13.0000                 | bei Kw   |
| '         | All kWh per month - pe                              |  | 0.155455                | 0.245144                | per kwh  |
| ĺ         | •   | tomer per month: Customer + Demand Charges |                         |                         | •        |
|           |   | per customer, per month - Add to all bills | 23.03                   | 23.03                   | per mth  |
| SCHEDULE  | 'DS' LARGE POWER D                                  | IRECTLY SERVED SERVICE                     |                         |                         |          |
|           | Customer charge, per cus                            | tomer per month                            | 425.00                  | 425.00                  |          |
|           |   | customer charge) - per kW                  | 720.00                  | 420.00                  |          |
| •         | All kW of billing deman                             |  | 23.00                   | 23.00                   | per kw   |
|           | _   | customer & demand charge) - per kWh        |                         |                         | •        |
|           | All kWhr per month - pe                             | <del>-</del> -                             | 0.121164                | 0.205365                | per kwh  |
|           | Minimum charge, per cus                             | tomer per month: Customer + Demand Charges |                         |                         |          |
| 1         | Green Infrastructure Fee,                           | per customer, per month - Add to all bills | 442.94                  | 442.94                  | per mth  |
| SCHEDULE  | 'P' LARGE POWER SEI                                 | RVICE                                      |                         |                         |          |
| 1         | Customer charge, per cus                            | tomer per month                            | 375.00                  | 375.00                  |          |
|           |   | customer charge) - per kW                  |                         |                         |          |
|           | All kW of billing deman                             | d - per kW                                 | 26.50                   | 26.50                   | per kw   |
|           | 0.  | customer & demand charge) - per kWh        |                         |                         |          |
|           | All kWhr per month - pe                             |  | 0.131478                | 0.217384                | per kwh  |
|           | <b>.</b>  | tomer per month: Customer + Demand Charges |                         | 440.04                  |          |
|           |   | per customer, per month - Add to all bills | 442.94                  |                         | per mth  |
|           |   | GHTING, HIGHWAY LIGHTING & PARK & PLAY     |                         |                         |          |
|           | Customer charge, per cus                            | stomer per month                           | 23.50                   | 23.50                   |          |
|           | Energy charge - per kWh                             | - TABLE                                    | 0.005404                | 0.004000                |          |
|           | All kWhr per month - pe                             |  | 0.205431<br>35.00       | 0.304062<br>35.00       | per kwn  |
|           | Minimum charge per deliv                            | • • •                                      | 35.00<br>5.59           |                         | per mth  |
|           | Green imrastructure ree,                            | per customer, per month - Add to all bills | 5.58                    | 5.59                    | hei uini |

#### HAWAIIAN ELECTRIC COMPANY, INC.

SUPERCEDES EFFECTIVE RATES:

8/1/2018

**BASE RATES EFFECTIVE:** 

September 1, 2018

09/01/18
BASE EFFECTIVE
RATES (\$) RATES (\$)

|  | RATES (\$)                 | RATES (\$)      |         |
|--|----------------------------|-----------------|---------|
| INTERIM RATE INCREASE TY2017 (EFFECTIVE 09/1/2018)               |                            |                 |         |
| Schedules 'R','TOU-R','TOU EV','TOU-RI'                          | 0.00 percent applied on al | ll base charges |         |
| Schedules 'G','TOU-G'  | 0.00 percent applied on a  | ll base charges |         |
| Schedules 'J','TOU-J','U','SS', 'EV-F'                           | 0.00 percent applied on al | Il base charges |         |
| Schedule 'DS'  | 0.00 percent applied on al |                 |         |
| Schedule 'P'   | 0.00 percent applied on al |                 |         |
| Schedule 'F'   | 0.00 percent applied on a  | •               |         |
| ENERGY COST ADJUSTMENT FACTORS: (EFFECTIVE 9/01/2018 to 9/30/20  | 18)                        |                 |         |
| All Rate Schedules   |                            | \$0.042010      | per kWh |
| PURCHASE POWER ADJUSTMENT CLAUSE: (EFFECTIVE 9/01/2018 to 9/30/  | 2018)                      |                 |         |
| Schedules 'R','TOU-R','TOU-EV', 'TOU-RI'                         |                            | \$0.043234      | per kWh |
| Schedules 'G', 'TOU-G'   |                            | \$0.040348      |         |
| Schedules 'J', 'TOU-J', 'SS', 'EV-F'                             |                            | \$0.035218      |         |
| Schedules 'DS'   |                            | \$0.029730      |         |
| Schedules 'P','U', 'TOU-P'                                       |                            | \$0.031435      |         |
| Schedules 'F'  |                            | \$0.044028      |         |
| RBA RATE ADJUSTMENT (EFFECTIVE 06/1/2018)                        |                            |                 | •       |
| All Rate Schedules   |                            | \$0.010350      | per kWh |
| RENEWABLE ENERGY INFRASTRUCTURE SURCHARGE (EFFECTIVE 05/17/20    | 116)                       |                 |         |
| All Rate Schedules   |                            | \$0.000000      | per kWh |
| PUBLIC BENEFITS FUND SURCHARGE: (EFFECTIVE 07/01/2018)           |                            |                 | •       |
| Schedules 'R', 'TOU-R', 'TOU-EV', 'TOU-RI'                       |                            | \$0.004658      | per kwh |
| Schedules 'G','J','DS','P','F','U','TOU-G','TOU-J','SS', 'TOU-P' |                            | \$0.002243      |         |
| INCLUDED IN IRP COST RECOVERY:                                   |                            |                 |         |
| SOLARSAVER ADJUSTMENT (EFFECTIVE 05/01/2018):                    |                            |                 |         |
| Schedules 'R','TOU-R','TOU-EV', 'TOU-RI'                         |                            | \$0.000000      | per kwh |
| DSM COST RECOVERY ADJUSTMENT: (EFFECTIVE 08/1/2018)              |                            |                 |         |
| Schedules 'R','TOU-R','TOU-EV', 'TOU-Ri'                         |                            | (\$0.000064)    |         |
| Schedules 'G','J','DS','P','U','TOU-G','TOU-J','SS', "TOU-P'     |                            | (\$0.000132)    | per kwh |
|  |                            |                 |         |

<sup>&</sup>lt;sup>1</sup> Effective rates are the base rates adjusted for applicable surcharges & adjustments.

Base charges include customer charge, demand charge, energy charge, power factor adjustment, voltage discount and minimum charge.

### HAWAII ELECTRIC LIGHT COMPANY, INC.

| SUPERSEDES EFFECTIVE RAT | ES: 8/1/2018  |                 |                         |          |
|--------------------------|---|-----------------|-------------------------|----------|
| BASE RATES EFFECTIVE:    | April 9, 2012   |                 | 09/01/18                |          |
| DAGE HATEGETTE.          | April 0, 2012   | BASE            | EFFECTIVE               |          |
|                          |   | RATES (\$)      | RATES (\$) <sup>1</sup> |          |
| SCHEDULE 'R' RESIDENTIA  | 1   |                 | MATES (4)               | =        |
|                          | per customer per month                                      |                 |                         |          |
| Single Phase Serv        |   | 10.50           | 10.76                   |          |
| Three Phase Serv         |   | 15.00           | 15.38                   |          |
|                          | led to customer charge)                                     | 15.00           | 15.56                   |          |
|                          | Whr per month - per kWhr                                    | 0.274506        | 0.332253                | nor k\Mb |
|                          |   | 0.308024        | 0.366609                | •        |
|                          | Whr per month - per kWhr                                    | 0.319016        | 0.377875                | •        |
|                          | kWhr per month - per kWhr                                   | 20.50           | 21.01                   | per kvvn |
|                          | er customer per month - single phase                        | 20.50<br>25.00  | 25.63                   |          |
| <del>-</del> -           | er customer per month - three phase                         | =-:             |                         | per mth  |
| Green Intrastructure     | e Fee, per customer, per month - Add to a                   | all Dilis 1.21  | 1.21                    | per mtn  |
| SCHEDULE 'G' GENERAL SI  | ERVICE NON-DEMAND   | •               |                         |          |
| Customer charge, p       | er customer per month                                       |                 |                         |          |
| Single phase serv        | rice  | 31.50           | 32.16                   |          |
| Three phase serv         | ice   | 54.50           | 55.65                   |          |
| Energy charge (add       | ed to customer charge) - per kWh                            |                 |                         |          |
| All kWh per mont         | th  | 0.315858        | 0.374065                | per kwh  |
| Minimum charge, p        | er customer per month: Customer charge                      | 9               |                         |          |
| Green Infrastructur      | e Fee, per customer, per month - Add to a                   | all bills 1.31  | 1.31                    | per mth  |
| SCHEDULE 'J' GENERAL SE  | RVICE DEMAND  |                 |                         |          |
| Customer charge, r       | per customer per month                                      |                 |                         |          |
| Single phase serv        | •   | 38.00           | 39.05                   |          |
| Three phase serv         |   | 64.00           | 65.77                   |          |
| -                        | ded to customer charge) - per kW                            |                 |                         |          |
| All Billing kW per       | <del>-</del> · ·  | 10.25           | 10.53                   | per kw   |
| <b>-</b> .               | ed to customer & demand charge) - per k                     | Wh .            |                         | -        |
| All kWh - per kW         | h   | 0.248033        | 0.302695                | per kwh  |
| Minimum charge, p        | er customer per month: Customer + Dema                      | and Charges     |                         | _        |
| Green Infrastructur      | e Fee, per customer, per month - Add to                     | all bills 23.03 | 23.03                   | per mth  |
| SCHEDULE 'P' LARGE POW   | ED.   |                 |                         |          |
|                          | <del></del>   | 400.00          | 412.52                  |          |
| <b>-</b> .               | per customer per month<br>Ided to customer charge) - per kW | 400.00          | 412.32                  |          |
| <del>-</del> .           | ng demand - per kW  | 19.50           | 20.11                   | per kw   |
|                          | led to customer & demand charge) - per k                    |                 | 20.11                   | bei kw   |
| All kWh - per            | <del>-</del> · ·  | 0.218184        | 0.269494                | ner kwh  |
| •                        | er customer per month: Customer+Dema                        |                 | 0.203434                | per kwii |
| <b>5</b> · .             | e Fee, per customer, per month - Add to :                   | •               | 442.94                  | per mth  |
|                          |   |                 |                         | ,        |
| SCHEDULE 'F' PUBLIC STRI | EET LIGHTING  |                 |                         |          |
| <b>4. 4</b>              | kWhr per month - per kWhr                                   | 0.297066        | 0.380125                | per kwh  |
|                          | er month per delivery point:                                | 35.00           | 35.92                   |          |
| Green Infrastructur      | e Fee, per customer, per month - Add to                     | all bills 5.59  | 5.59                    | per mth  |
|                          |   |                 |                         |          |

### HAWAII ELECTRIC LIGHT COMPANY, INC.

SUPERSEDES EFFECTIVE RATES:

8/1/2018

**BASE RATES EFFECTIVE:** 

April 9, 2012

BASE RATES (\$) 09/01/18 EFFECTIVE RATES (\$)<sup>1</sup>

| <del>-</del>   | RATES (\$) RATES (\$)                                 |
|--|---|
| ENERGY COST ADJUSTMENT FACTORS: (EFFECTIVE 9/01/2018 to 9/30/2018)   |   |
| All Rate Schedules   | \$0.020270 per kwh                                    |
| PURCHASED POWER ADJUSTMENT CLAUSE (Effective 9/01/2018 to 9/30/2018) |   |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                   | <b>\$0.015950</b> per kWh                             |
| Schedules G, TOU-G   | \$0.019023  |
| Schedules J, U, TOU-J, SS, EV-F                                      | \$0.015272  |
| Schedules P, TOU-P, SS   | \$0.011962  |
| Schedules F  | \$0.042757  |
| RBA RATE ADJUSTMENT (EFFECTIVE 06/1/2018)                            | \$0.010006 per kWh                                    |
| All Rate Schedules   |   |
| PUBLIC BENEFITS FUND SURCHARGE (EFFECTIVE 07/01/2018)                |   |
| Schedules 'R', 'TOU-R','TOU EV', 'TOU-RI'                            | \$0.004658 per kwh                                    |
| Schedules 'G','J','P', 'F','U','TOU-G','TOU-J','TOU-P'               | \$0.002243 per kwh                                    |
| INCLUDED IN IRP COST RECOVERY:                                       |   |
| SOLARSAVER ADJUSTMENT (EFFECTIVE 05/01/2018)                         |   |
| Schedule 'R','TOU-R','TOU EV', 'TOU-RI'                              | \$0.000000 per kwh                                    |
| DSM COST RECOVERY ADJUSTMENT (EFFECTIVE 5/1/10)                      |   |
| Schedule 'R','TOU-R','TOU EV', 'TOU-RI'                              | \$0.000000 per kwh                                    |
| Schedules 'G','J','P','U','TOU-G','TOU-J','TOU-P'                    | \$0.000000 per kwh                                    |
| INTERIM RATE INCREASE (EFFECTIVE 05/1/2018)                          |   |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                   | 2.50 percent applied on all base charges <sup>2</sup> |
| Schedules G, TOU-G   | 2.11 percent applied on all base charges <sup>2</sup> |
| Schedules J, U, TOU-J, SS, EV-F                                      | 2.77 percent applied on all base charges <sup>2</sup> |
| Schedules P, TOU-P, SS   | 3.13 percent applied on all base charges <sup>2</sup> |
| Schedules F  | 2.62 percent applied on all base charges <sup>2</sup> |

 $<sup>^{\</sup>rm 1}\,$  Effective rates are the base rates adjusted for applicable surcharges & adjustments.

Base charges include customer charge, demand charge, energy charge, power factor adjustment, voltage discount and minimum charge.

#### MAUI ELECTRIC CO., LIMITED MAUI DIVISION

| SUPERCE | DES EFFECTIVE RATES:        | 8/1/2018                                   |                      |                |          |
|---------|-----------------------------|--|----------------------|----------------|----------|
|         | TES EFFECTIVE:              | August 1, 2013                             |                      | 09/01/18       |          |
|         |                             |  | BASE                 | EFFECTIVE      |          |
|         |                             |  | RATES (\$)           | RATES (\$)1    |          |
| SCHEDUL | E 'R' RESIDENTIAL           |  |                      |                | -        |
|         | Customer charge, per cust   | omer per month                             |                      |                |          |
|         | Single phase service        |  | 8.50                 | 9.13           |          |
|         | Three phase service         |  | 13.00                | 13.96          |          |
|         | Energy Charge (To be adde   | ed to Customer Charge)                     |                      |                |          |
|         | First 350 kWhr pe           | r month - per kWhr                         | 0.323409             | 0.320162       | per kWhr |
|         | Next 850 kWhr pe            | r month - per kWhr                         | 0.346009             | 0.344439       |          |
|         | All kWhr over 1,            | 200 kWhr per month - per kWhr              | 0.352409             | 0.351314       |          |
|         | Minimum charge, per custo   | omer per month - single phase              | 18.00                | 19.34          |          |
|         | Minimum charge, per custo   | omer per month - three phase               | 22.50                | 24.17          |          |
|         | Green Infrastructure Fee, p | per customer, per month - Add to all bills | 1.21                 | 1.21           | per mth  |
| SCHEDUL | E 'G' GENERAL SERVICE       | NON-DEMAND                                 |                      |                |          |
|         | Customer charge, per cust   | omer per month                             |                      |                |          |
|         | Single phase service        |  | 26.00                | 27.84          |          |
|         | Three phase service         |  | 44.00                | 47.12          |          |
|         | Energy charge (added to c   | ustomer charge) - per kWh                  |                      |                |          |
|         | All kWh per month           |  | 0.345890             | 0.341717       | per kWhr |
|         | Minimum charge, per custo   | omer per month                             | 31.00/49.00          | 33.19/52.47    |          |
|         | Green Infrastructure Fee, p | per customer, per month - Add to all bills | 1.31                 | 1.31           | per mth  |
| SCHEDUL | E 'J' GENERAL SERVICE       | DEMAND                                     |                      |                |          |
|         | Customer charge, per cust   | omer per month                             |                      |                |          |
|         | Single phase service        |  | 60.00                | 64.50          |          |
|         | Three phase service         |  | 75.00                | 80.63          |          |
|         | Demand charge (added to     | customer charge) - per kW                  |                      |                |          |
|         | All Billing kW per month    |  | 10.00                | 10.75          | per kw   |
|         | Energy charge (added to c   | ustomer & demand charge) - per kWh         |                      |                |          |
|         | All kWh - per kWh           |  | 0.304163             | 0.298564       | per kWhr |
|         | Minimum charge, per cust    | omer per month: Customer+Demand Ch         | arges                |                |          |
|         | Green Infrastructure Fee, p | per customer, per month - Add to all bills | 23.03                | 23.03          | per mth  |
| SCHEDUL | E 'P' LARGE POWER           |  |                      |                |          |
|         | Customer charge, per cust   | comer per month                            | 300.00               | 323.31         |          |
|         | Demand charge (added to     | customer charge) - per kW                  |                      |                |          |
|         | All kW of billing demand    | - per kW                                   | 20.00                | 21.55          | per kw   |
|         | Energy charge (added to c   | ustomer & demand charge) - per kWh         |                      |                |          |
|         | All kWh - per kWh           |  | 0.277504             | 0.270662       | per kWhr |
|         | Minimum charge, per cust    | omer per month: Customer + Demand Ch       | arges                |                |          |
|         | Green Infrastructure Fee, p | per customer, per month - Add to all bills | 442.94               | 442.94         | per mth  |
| SCHEDUL | .E 'F' PUBLIC STREET LIG    |  |                      |                |          |
|         | Fixture charge, per fixture | •  | (depends on the type | oe of fixture) |          |
|         | Energy charge (added to fi  | xture charge) - per kWh                    |                      |                |          |
|         | All kWh - per kWh           |  | 0.329522             | 0.324897       | per kWhr |
|         |                             | re per month: Fixture Charge + \$25.00     |                      |                |          |
|         | Green Infrastructure Fee,   | per customer, per month - Add to all bills | 5.59                 | 5.59           | per mth  |

## MAUI ELECTRIC CO., LIMITED MAUI DIVISION

SUPERCEDES EFFECTIVE RATES:

8/1/2018

BASE RATES EFFECTIVE:

August 1, 2013

BASE RATES (\$) 09/01/18 EFFECTIVE RATES (\$)<sup>1</sup>

|  | and the same of th |
|--|--|
| ENERGY COST ADJUSTMENT FACTORS: (EFFECTIVE 9/01/2018 to 9/30/2018)   | (40.004450)  |
| All Rate Schedules   | (\$0.034450) per kwh   |
| PURCHASED POWER ADJUSTMENT CLAUSE (Effective 9/01/2018 to 9/30/2018) |  |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                   | (\$0.000635) per kWh   |
| Schedules G, TOU-G   | (\$0.000644)   |
| Schedules J, TOU-J, SS, EV-F   | (\$0.000393)   |
| Schedules P, TOU-P, SS   | (\$0.000386)   |
| Schedule F   | (\$0.000974)   |
| 2018 Interim Rate Increase (effective 8/23/2018)                     |  |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                   | 7.42 percent applied on all base charges   |
| Schedules G, TOU-G   | 7.08 percent applied on all base charges   |
| Schedules J, TOU-J, SS, EV-F   | 7.50 percent applied on all base charges   |
| Schedules P, TOU-P, SS   | 7.77 percent applied on all base charges   |
| Schedule F   | 7.70 percent applied on all base charges   |
| RBA RATE ADJUSTMENT (EFFECTIVE 08/23/2018)                           |  |
| All Rate Schedules   | \$0.003183 per kWh   |
| RENEWABLE ENERGY INFRASTRUCTURE SURCHARGE (Effective 08/17/2017)     | •  |
| All Rate Schedules   | \$0.00000 per kWh  |
| PUBLIC BENEFITS FUND SURCHARGE (EFFECTIVE 07/01/2018)                | •  |
| Schedule 'R', 'TOU-R', 'TOU EV', 'TOU-RI'                            | \$0.004658 per kwh   |
| Schedules 'G', 'J', 'P', 'F', 'TOU-G', 'TOU-J', 'TOU-P'              | \$0.002243 per kwh   |
| INCLUDED IN IRP COST RECOVERY:                                       | ·  |
| SOLARSAVER ADJUSTMENT (EFFECTIVE 05/01/2018)                         |  |
| Schedule 'R', 'TOU-R', 'TOU EV', 'TOU-RI'                            | \$0.000000 per kwh   |
| DSM COST RECOVERY ADJUSTMENT (EFFECTIVE 08/01/2018)                  | •  |
| Schedule 'R', 'TOU-R', 'TOU EV', 'TOU-RI'                            | \$0.000000 per kwh   |
| Schedules 'G', 'J','P','TOU-G','TOU-J','TOU-P'                       | \$0.001006 per kwh   |

 $<sup>^{\</sup>rm 1}\,$  Effective rates are the base rates adjusted for applicable surcharges & adjustments.

Base charges include customer charge, demand charge, energy charge, power factor adjustment, voltage discount and minimum charge.

# MAUI ELECTRIC CO., LIMITED LANAI DIVISION

| SUPERCEDES EFFE  | TIVE DATES.                       | 8/1/2018                                   |                    |                |            |
|------------------|-----------------------------------|--|--------------------|----------------|------------|
| BASE RATES EFFEC |                                   | August 1, 2013                             |                    | 09/01/18       |            |
| DASE NATES EFFEC | , I I V C.                        | August 1, 2015                             | BASE               | EFFECTIVE      |            |
|                  |                                   |  | RATES (\$)         | RATES (\$)1    |            |
| SCHEDULE 'R' RE  | CIDENTIAL                         |  | MATES (\$)         | MATES (\$)     | -          |
|                  | charge, per cust                  | omer per menth                             |                    |                |            |
|                  | charge, per cust<br>phase service | omer per month                             | 8.50               | 9.04           |            |
| •                | hase service                      |  | 13.00              | 13.83          |            |
|                  |                                   | ed to Customer Charge)                     | 13.00              | 13.03          |            |
| First            | -                                 | r month - per kWhr                         | 0.413908           | 0.380724       | nor k\Mhr  |
| Next             | •                                 | month - per kWhr                           | 0.438908           | 0.407314       | •          |
| All              | •                                 | 0 kWhr per month - per kWhr                | 0.445908           | 0.414759       | •          |
|                  |                                   | ·  | 18.00              | 19.14          | bei Kaain  |
|                  |                                   | omer per month - single phase              | 22.50              | 23.93          |            |
|                  |                                   | omer per month - three phase               |                    |                | per mth    |
| Green ini        | rastructure ree, p                | er customer, per month - Add to all bills  | 1.21               | 1.21           | per mu     |
| SCHEDULE 'G' GI  |                                   |  |                    |                |            |
|                  | charge, per cust                  | omer per month                             |                    |                |            |
|                  | phase service                     |  | 30.00              | 31.82          |            |
| Three p          | hase service                      |  | 45.00              | 47.72          |            |
|                  | -                                 | ustomer charge) - per kWh                  |                    |                |            |
|                  | n per month                       |  | 0.448726           | 0.413950       | •          |
|                  | charge, per custo                 | •  | 35.00/50.00        | 37.11/53.03    |            |
| Green Inf        | rastructure Fee, p                | er customer, per month - Add to all bills  | 1.31               | 1.31           | per mth    |
| SCHEDULE 'J' GE  | NERAL SERVICE                     | DEMAND                                     |                    |                |            |
| Customer         | charge, per cust                  | omer per month                             |                    |                |            |
| Single (         | hase service                      |  | 50.00              | 53.11          |            |
| Three p          | hase service                      |  | 70.00              | 74.35          |            |
| Demand of        | charge (added to                  | customer charge) - per kW                  |                    |                |            |
| All Billin       | ng kW per month                   |  | 11.50              | 12.21          | per kw     |
| Energy cl        | narge (added to co                | ustomer & demand charge) - per kWh         |                    |                | -          |
|                  | n - per kWh                       |  | 0.425860           | 0.390382       | per kWhr   |
|                  | •                                 | omer per month: Customer + Demand Ch       | arges              |                | -          |
| Green Inf        | rastructure Fee, p                | per customer, per month - Add to all bills | 23.03              | 23.03          | per mth    |
| SCHEDULE 'P' LA  | RGE POWER                         |  |                    |                |            |
|                  | charge, per cust                  | omer per month                             | 250.00             | 266.23         |            |
|                  |                                   | customer charge) - per kW                  |                    |                |            |
|                  | of billing demand                 | - · · · · · · · · · · · · · · · · · · ·    | 22.00              | 23.43          | per kw     |
|                  | -                                 | ustomer & demand charge) - per kWh         |                    |                | p          |
|                  | ı - per kWh                       | actomics at demand charge, per neces       | 0.402141           | 0.366316       | per kWhr   |
|                  | •                                 | omer per month: Customer + Demand Ch       |                    | 0.0000.0       | po         |
|                  |                                   | per customer, per month - Add to all bills | _                  | 442.94         | per mth    |
| COMEDIA E LEI DI | IBLIC STREET !!C                  | HTING                                      |                    |                |            |
| SCHEDULE 'F' PU  |                                   |  | (depends on the ty | no of fixtural |            |
|                  | narge, per fixture                |  | tuchenus on the ty | he of lixtuie) |            |
|                  | _                                 | xture charge) - per kWh                    | 0.440218           | 0.406202       | nor k\Mbr  |
|                  | n - per kWh                       | ro nor month. Eivture Charge I 625 00      | V.44VZ10           | 0.406292       | hei Kaalil |
|                  |                                   | re per month: Fixture Charge + \$25.00     | 5.59               | E E0           | nor mth    |
| Green Int        | rastructure Fee, p                | per customer, per month - Add to all bills | 5.58               | 5.59           | per mth    |

## MAUI ELECTRIC CO., LIMITED LANAI DIVISION

SUPERCEDES EFFECTIVE RATES:

8/1/2018

BASE RATES EFFECTIVE:

August 1, 2013

1, 2010

BASE

09/01/18 EFFECTIVE

RATES (\$)

RATES (\$)1

| ENERGY COST ADJUSTMENT FACTORS: (EFFECTIVE 9/01/2018 to 9/30/2018) |  |
|--|--|
| All Rate Schedules   | (\$0.067350) per kwh                     |
| PURCHASED POWER ADJUSTMENT CLAUSE (Effective 5/4/12)               |  |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                 | \$0.000000 per kWh                       |
| Schedules G, TOU-G   | \$0.00000                                |
| Schedules J, TOU-J, SS, EV-F                                       | \$0.00000                                |
| Schedules P, TOU-P, SS   | \$0.00000                                |
| Schedule F   | \$0.00000                                |
| 2018 Interim Rate Increase (effective 8/23/2018)                   |  |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                 | 6.36 percent applied on all base charges |
| Schedules G, TOU-G   | 6.05 percent applied on all base charges |
| Schedules J, TOU-J, SS, EV-F                                       | 6.21 percent applied on all base charges |
| Schedules P, TOU-P, SS   | 6.49 percent applied on all base charges |
| Schedule F   | 6.36 percent applied on all base charges |
| RBA RATE ADJUSTMENT (EFFECTIVE 08/23/2018)                         | \$0.003183 per kWh                       |
| All Rate Schedules   |  |
| RENEWABLE ENERGY INFRASTRUCTURE SURCHARGE (Effective 08/17/2017)   |  |
| All Rate Schedules   | \$0.000000 per kWh                       |
| PUBLIC BENEFITS FUND SURCHARGE (EFFECTIVE 07/01/2018)              | ·  |
| Schedule 'R', 'TOU-R', 'TOU EV', 'TOU-RI'                          | \$0.004658 per kwh                       |
| Schedules 'G', 'J','P'.'F','TOU-G','TOU-J','TOU-P'                 | \$0.002243 per kwh                       |
| INCLUDED IN IRP COST RECOVERY:                                     | •  |
| SOLARSAVER ADJUSTMENT (EFFECTIVE 05/01/2018)                       |  |
| Schedule 'R', 'TOU-R', 'TOU EV', 'TOU-RI'                          | \$0.000000 per kwh                       |
| DSM COST RECOVERY ADJUSTMENT (EFFECTIVE 5/1/10)                    |  |
| Schedule 'R', 'TOU-R', 'TOU EV', 'TOU-RI'                          | \$0.00000 per kwh                        |
| Schedules 'G', 'J', 'P', 'TOU-G', 'TOU-J', 'TOU-P'                 | \$0.00000 per kwh                        |

<sup>&</sup>lt;sup>1</sup> Effective rates are base rates adjusted for applicable surcharges & adjustments.

Base charges include customer charge, demand charge, energy charge, power factor adjustment, voltage discount and minimum charge.

# MAUI ELECTRIC CO., LIMITED MOLOKAI DIVISION

| SUPERCEDES EFFECTIVE RATES:             | 08/01/18                                   |                    |                  |            |
|---|--|--------------------|------------------|------------|
| BASE RATES EFFECTIVE:                   | August 1, 2013                             |                    | 09/01/18         |            |
| 21104 121140 411 401114                 |  | BASE               | EFFECTIVE        |            |
|   |  | RATES (\$)         | RATES (\$)1      |            |
| SCHEDULE 'R' RESIDENTIAL                |  | TIATED (4)         | TOTAL CONTRACTOR | -          |
| Customer charge, per cus                | tomer per month                            |                    |                  |            |
| Single phase service                    |  | 8.50               | 9.07             |            |
| Three phase service                     |  | 13.00              | 13.87            |            |
| Energy charge (added to                 | customer charge)                           |                    |                  |            |
| <b>.</b> .                              | er month - per kWhr                        | 0.377746           | 0.376390         | per kWhr   |
| •                                       | er month - per kWhr                        | 0.404246           | 0.404661         | •          |
| •                                       | 50 kWhr per month - per kWhr               | 0.415746           | 0.416929         | •          |
|   | tomer per month - single phase             | 18.00              | 19.20            | <b>p</b> 0 |
| - · · · · · · · · · · · · · · · · · · · | tomer per month - three phase              | 22.50              | 24.00            |            |
| _ · · ·                                 | per customer, per month - Add to all bills | 1.21               |                  | per mth    |
| SCHEDULE 'G' GENERAL SERVIC             | F NON-DEMAND                               |                    |                  |            |
| Customer charge, per cus                |  |                    |                  |            |
| Single phase service                    | tomor por month.                           | 27.00              | 28.68            |            |
| Three phase service                     |  | 38.00              | 40.36            |            |
| •                                       | customer charge) - per kWh                 |                    |                  |            |
| All kWh per month                       |  | 0.448344           | 0.447227         | per kWhr   |
| Minimum charge, per cus                 | tomer per month                            | 32.00/43.00        | 33.99/45.67      | •          |
| <del>-</del> -                          | per customer, per month - Add to all bills | 1.31               |                  | per mth    |
|   |  |                    |                  |            |
| SCHEDULE 'J' GENERAL SERVICE            |  |                    |                  |            |
| Customer charge, per cus                | tomer per month                            | 07.00              | 00.50            |            |
| Single phase service                    |  | 37.00              | 39.50            |            |
| Three phase service                     |  | 47.00              | 50.17            |            |
| <u> </u>                                | customer charge) - per kW                  | 40.00              | 40.00            |            |
| All Billing kW per month                |  | 10.00              | 10.68            | per kw     |
|   | customer & demand charge) - per kWh        |                    |                  | 1.154      |
| All kWh - per kWh                       |  | 0.369705           | 0.365656         | per kwnr   |
|   | tomer per month: Customer + Demand Cha     | _                  | 00.00            |            |
| Green Infrastructure Fee,               | per customer, per month - Add to all bills | 23.03              | 23.03            | per mth    |
| SCHEDULE 'P' LARGE POWER                |  |                    |                  |            |
| Customer charge, per cus                | •  | 150.00             | 160.94           |            |
| •                                       | customer charge) - per kW                  |                    |                  |            |
| All kW of billing deman                 |  | 18.00              | 19.31            | per kw     |
|   | customer & demand charge) - per kWh        |                    |                  |            |
| All kWh - per kWh                       |  | 0.295392           | 0.287922         | per kWhr   |
|   | tomer per month: Customer + Demand Cha     |                    |                  |            |
| Green Infrastructure Fee,               | per customer, per month - Add to all bills | 442.94             | 442.94           | per mth    |
| SCHEDULE 'F' PUBLIC STREET LI           | GHTING                                     |                    | •                |            |
| Fixture charge, per fixture             | e per month                                | (depends on the ty | pe of fixture)   |            |
| Energy charge (added to                 | fixture charge) - per kWh                  |                    |                  |            |
| All kWh - per kWh                       |  | 0.398621           | 0.396843         | per kWhr   |
| Minimum charge, per fixt                | ure per month: Fixture Charge + \$25.00    |                    |                  |            |
| Green Infrastructure Fee,               | per customer, per month - Add to all bills | 5.59               | 5.59             | per mth    |
|   |  |                    |                  |            |

### MAUI ELECTRIC CO., LIMITED MOLOKAI DIVISION

SUPERCEDES EFFECTIVE RATES:

08/01/18

BASE RATES EFFECTIVE:

August 1, 2013

BASE

09/01/18 EFFECTIVE

RATES (\$)

RATES (\$)1

| ENERGY COST ADJUSTMENT FACTORS: (EFFECTIVE 9/01/2018 to 9/30/2018)     |  |
|--|--|
| All Rate Schedules   | (\$0.034430) per kwh                     |
| PURCHASED POWER ADJUSTMENT CLAUSE (Effective 5/4/12)                   |  |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                     | \$0.000000 per kwh                       |
| Schedules G, TOU-G   | \$0.00000                                |
| Schedules J, TOU-J, SS, EV-F   | \$0.00000                                |
| Schedules P, TOU-P, SS   | \$0.000000                               |
| Schedule F   | \$0.00000                                |
| 2018 Interim Rate Increase (effective 8/23/2018)                       |  |
| Schedules R, TOU-R, TOU-EV, TOU-RI                                     | 6.68 percent applied on all base charges |
| Schedules G, TOU-G   | 6.22 percent applied on all base charges |
| Schedules J, TOU-J, SS, EV-F   | 6.75 percent applied on all base charges |
| Schedules P, TOU-P, SS   | 7.29 percent applied on all base charges |
| Schedule F   | 6.83 percent applied on all base charges |
| RBA RATE ADJUSTMENT (EFFECTIVE 08/23/2018)                             | \$0.003183 per kWh                       |
| All Rate Schedules   | , or other partition                     |
| RENEWABLE ENERGY INFRASTRUCTURE SURCHARGE (Effective 08/17/2017)       |  |
| All Rate Schedules   | \$0.000000 per kWh                       |
| PUBLIC BENEFITS FUND SURCHARGE (EFFECTIVE 07/01/2018)                  | rotoggg por ktri.                        |
| Schedule 'R','TOU-R','TOU EV', 'TOU-RI'                                | \$0.004658 per kwh                       |
| Schedules 'G', 'J','P','F','TOU-G','TOU-J','TOU-P'                     | \$0.002243 per kwh                       |
| NCLUDED IN IRP COST RECOVERY:  | 70.0011 10 por kwiii                     |
| SOLARSAVER ADJUSTMENT (EFFECTIVE 05/01/2018)                           | •  |
| Schedule 'R','TOU-R','TOU EV', 'TOU-RI'                                | \$0,000000 per kwh                       |
| DSM COST RECOVERY ADJUSTMENT   | vo.ooooo perkwii                         |
| Schedule 'R', 'TOU-R', 'TOU EV', TOU-RI' (EFFECTIVE 5/01/10)           | \$0.00000 per kwh                        |
| Schedules 'G', 'J', 'P', 'TOU-G', 'TOU-J', 'TOU-P' (Effective 5/01/10) | \$0.00000 per kwh                        |

<sup>&</sup>lt;sup>1</sup> Effective rates are base rates adjusted for applicable surcharges & adjustments.

Base charges include customer charge, demand charge, energy charge, power factor adjustment, voltage discount and minimum charge.