

March 29, 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: <u>Hawai'i Electric Light Energy Cost Recovery Factor for April 2021</u>

Hawai'i Electric Light Company, Inc.'s ("Hawai'i Electric Light") April 2021 Energy Cost Recovery factor is 15.486 cents per kilowatt-hour ("kWh"), an increase of 0.395 cents per kWh from last month. A residential customer consuming 500 kWh of electricity will be paying \$173.51, an increase of \$1.84 compared to rates effective March 1, 2021. The increase in the typical residential bill is due to the increase in the Energy Cost Recovery factor (+\$1.97), partially offset by the decrease in the Purchased Power Adjustment Clause (-\$0.11) and the credit for the SolarSaver Adjustment (-\$0.02).

Hawai'i Electric Light's fuel composite cost of generation increased 81.04 cents per million BTU to 1,180.55 cents per million BTU. The composite cost of distributed generation remains at 0 cents per kWh. The composite cost of purchased energy decreased 0.281 cents per kWh to 12.853 cents per kWh.

The attached sheets set forth the fuel adjustment in cents per kWh for each rate schedule that is applicable for pro rata use beginning April 1, 2021.

If you have any questions regarding this filing, please feel free to call me at 543-4622.

Very truly yours,

/s/ Dean K. Matsuura

Dean K. Matsuura Director, Regulatory Rate Proceedings

Attachments cc: Division of Consumer Advocacy

#### ENERGY COST RECOVERY FACTOR

#### EFFECTIVE DATES

	<u>3/01/21</u>	<u>4/01/21</u>	<u>Change</u>
Composite Cost			
Generation, ¢/mmbtu Dispersed Generation Energy, ¢/kWh Purchased Energy, ¢/kWh	1,099.51 0.000 13.134	1,180.55 0.000 12.853	81.04 0.000 (0.281)
Residential Schedule "R"			
Energy Cost Recovery - ¢/kWh	15.091	15.486	0.395
Others - "G,J,P,F"			
Energy Cost Recovery - ¢/kWh	15.091	15.486	0.395
Residential Customer with:			
500 KWH Consumption - \$/Bill 600 KWH Consumption - \$/Bill	\$171.67 \$205.45	\$173.51 \$207.68	\$1.84 \$2.23

## HAWAII ELECTRIC LIGHT COMPANY, INC. ENERGY COST RECOVERY (ECR) FILING

ENERGY COST RECOVERY (ECR) FILING - April 1, 2021 (Page 1 of 2)

- LineApril 1, 20211Effective DateApril 1, 20212Supercedes Factors ofMarch 1, 2021

#### **GENERATION COMPONENT**

	ENTRAL STATION WITH WIND/HYDRO COMPON			
2	FUEL PRICES, ¢/mmbtu			
3				
4	Hill Industrial	1.063.47		
5	Puna Industrial	1,085.81		
6	Keahole Diesel	1,361.35		
	Keahole ULSD	1,328.35		
	Waimea ULSD Diesel	1,313.09		
8	Hilo Diesel	1,317.59		
8a	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>	1,283.43		
9	Puna Diesel	1,323.41	DG ENERGY COMPONENT	
10	Wind	0.00	35 COMPOSITE COST OF DG	
11	Hydro	0.00	ENERGY, ¢/kWh	0.000
	Tiyuto	0.00	36 % Input to System kWh Mix	0.000
			50 % input to System kwin wix	0.000
40	BTU MIX, %			
12			37 WEIGHTED COMPOSITE DG ENERGY COST,	
13	Hill Industrial	45.811	¢/kWh (Lines 35 x 36)	0.00000
14	Puna Industrial	13.966		
15	Keahole Diesel	35.042	38 BASE DG ENERGY COMPOSITE COST	0.000
15a	Keahole ULSD	0.141		
16	Waimea ULSD Diesel	0.306	39 Base % Input to System kWh Mix	0.00
17	Hilo Diesel	0.673	40 WEIGHTED BASE DG ENERGY COST,	
172	Hilo (Kanoelehua) ULSD Diesel <sup>1</sup>	0.103	¢/kWh (Line 38 x 39)	0.00000
18	Puna Diesel	3.672	¢/KWII (Line 30 x 39)	0.00000
	Wind		11 Cost Loss Doos (Line 27, 10)	0 00000
19		0.000	41 Cost Less Base (Line 37 - 40)	0.00000
20	Hydro	0.286	42 Loss Factor	1.062
		100.000	43 Revenue Tax Req Multiplier	1.0975
21	COMPOSITE COST OF GENERATION,		44 DG FACTOR, ¢/kWh	
	CENTRAL STATION + WIND/HYDRO ¢/mmbtu	1,180.55	(Line 41 x 42 x 43)	0.00000
22	% Input to System kWh Mix	37.378		
	(A)    (B)    (C) Percent of Centrl Stn +      Fuel Type    mmbtu/kwh 0.014663    Mind/Hydro 59.777      Diesel    0.010557    39.937      Other    0.012087    0.286      nes 23, 24, 25): Col(B) × Col(C) = Col(D)    100.0000      Weighted Efficiency Factor, mmbtu/kWh [Lines 23(D) + 24(D) + 25(D)]    100.0001	(D) Weighted <u>Eff Factor</u> 0.008765 0.004216 0.000035 0.0130160		
27	WEIGHTED COMPOSITE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/kWh (Lines (21 x 22 x 26))	5.74352		
29 30	BASE CENTRAL STATION + WIND/HYDRO GENERATION COST, ¢/mmbtu Base % Input to Sys kWh Mix Efficiency Factor, mmbtu/kwh WEIGHTED BASE CENTRAL STATION + WINDLYDRO CENERATION COST d//Wh	0.00 0.00 0.000000		
	WIND/HYDRO GENERATION COST ¢/kWh (Lines (28 x 29 x 30))	0.00000	SUMMARY OF	
	COST LESS BASE (Line 27 - 31)	5.74352	TOTAL GENERATION FACTOR, ¢/kWh	
	Revenue Tax Req Multiplier	1.0975	45 Cntrl Stn+Wind/Hydro (line 34)	6.30351
	CENTRAL STATION + WIND/HYDRO		46 DG (line 44)	0.00000
34				
34	GENERATION FACTOR,		47 TOTAL GENERATION FACTOR,	
34		6.30351	47 TOTAL GENERATION FACTOR, ¢/kWh (lines 45 + 46)	6.30351

<sup>1</sup> Hilo ULSD same location as Kanoelehua ULSD

#### HAWAII ELECTRIC LIGHT COMPANY, INC. ENERGY COST RECOVERY (ECR) FILING

ENERGY COST RECOVERY (ECR) FILING - April 1, 2021 (Page 2 of 2)

PURCHASED ENERGY PRICE_rkWh - Rerewable    98    Baseline FiG. g/mmbu    88      49    PGV    OP Pack    12.717    Boodine Disel    53.36      51    PGV Add 15 MW    OP Pack    12.717    Boodine Disel    53.36      52    PGV Add 15 MW    OP Pack    6.640    99    Baseline Disel, crimitbu    33.36      54    PGV Add 15 MW    OP Pack    6.640    99    Baseline Disel, crimitbu    30.36      56    Walkuk Hydro    OP Pack    13.62    Month IFO    22.32      57    Hawi Renewable Dev.    OP Pack    13.62    101    IFO Cost, r/mmbu    1.66      56    Hawi Renewable Dev.    OP Pack    13.46    103    IFO Dase ICRC Recovery Target    32.36      57    Hawi Renewable Dev.    OP Pack    13.47    100    IFO Dase ICRC Recovery Target    32.36      63    Hord Hydro (-100 KW)    OF Pack    13.47    100    Desel CRC Recovery Target    32.10      64    HCP, Fossil    14.079    112    Total Morthy F	<u>Line</u>	PURCHASED E	NERGY COMPONEN	T	Line	Calculation of Monthly Fossil Fuel Cost Risk Sharing Compone	nt
46    HEP    14.864    94    IFO 5, baseline month    51.07      PURCHASED ENERGY PRICE, gNWh - Renewable    95    IFO numbu, baseline    224      99    FIO numbu, baseline    224      90    PCV    On Pask    13.450      91    PCV - Add 16 MW    On Pask    13.450      92    PCV - Add 16 MW    On Pask    6.460      93    Baseline Dise, Commbu, baseline month    53.383      94    PCV - Add 16 MW    On Pask    6.460      95    Walku Hydio    On Pask    12.171      102    IFO EOR Foreal Cost    2.246      95    Haw Renerable Dav.    Off Pask    12.217      102    IFO EOR Foreal Cost    5.246      95    Tawhir (Pakin Nu)    On Pask    12.316      111    IFO EOR Foreal Cost    5.246      123    Stand Mydio (>100 KW)    0 Pask    12.316      124    Tool Month Dieee    100    Diese EOR Foreal Cost    5.168      125    Stand Mydio (<100 KW)    00 Pask<						Deseling IFO	
PURCHASED ENERGY PRICE, 6/Wh - Renewable    95    IFO mmbu, baseline    224      49    PGV    On Peak    13.162    95    Baseline Dicesi    33.02      50    PGV    Add 15 MW    On Peak    13.162    95    Baseline Dicesi    30.02      51    PGV    Add 15 MW    On Peak    6.464    98    Baseline Dicesi, Crimibu    3.02      52    PGV    Add 15 MW    Of Peak    12.717    100    IFO mmbu, baseline    2.22      56    Walkku Hydro    On Peak    13.42    101    IFO Cat, drimbu    1.06      57    Hawi Renewable Dev.    Of Peak    12.717    100    IFO ECRC Focal Cost    2.2.00      60    Tawaring Morio (>100 KW)    Of Peak    12.717    100    IFO ECRC Focal Cost    2.2.00      61    Teshoring Morio (>100 KW)    Of Peak    12.717    105    Desel mmbu, budget    13.52      62    Small Hydro (>100 KW)    Of Peak    13.62    101    IFO Cost, drimbu    1.35      63	10		ICE, ¢/KVVN FOSSII	14 004	04		¢1 074 001
PURCHASED ENERGY FRICY FRICY and the sensetie    98    Baseline IFC, yimmbu    88      99 FCV    On Peak    13.162    Baseline IFC, yimmbu    53.365      51 PCV - Adri S MW    On Peak    13.462    Baseline IFC, yimmbu    53.365      51 PCV - Adri S MW    On Peak    640    90    Baseline IFC, yimmbu    100      54 PCV - Adri S MW    On Peak    13.162    100    IFC onmutu. budget    232      57 Heak Renewable Dev.    On Peak    13.172    101    IFC Oct, Ford Could    52.96      68 Malku Hydro    On Peak    12.317    101    IFC Oct, Ford Could    52.96      58 Maik Renewable Dev.    On Peak    12.317    101    IFC Oct, Ford Could    52.96      59 Heak Renewable Dev.    On Peak    12.317    105    Disearcot, Ford Could    53.36      61 HEP Indicisei    12.371    105    Disearcot, Ford Could    13.36      63 Small Hydro (100 KW)    Of Peak    12.370    106    Disearcot, Ford Could    13.36      64 HEP, Forsall    12.371    13.36 <td< td=""><td>40</td><td>NEP</td><td></td><td>14.094</td><td></td><td></td><td></td></td<>	40	NEP		14.094			
49    PGV    On Peak    13.162      50    PGV    Off Peak    12.717      51    PGV-Add 5 MW    On Peak    13.460      52    PGV-Add 5 MW    Off Peak    13.460      52    PGV-Add 5 MW    Off Peak    13.460      53    PGV-Add 5 MW    Off Peak    13.460      54    PGV-Add 7 MW    Off Peak    13.460      55    Walkku Hydro    Off Peak    13.477      56    Walkku Hydro    Off Peak    12.717      57    Hoar Renewable Dev.    Off Peak    12.717      58    Tawlari (Painn Nu)    Off Peak    12.717      50    Tawlari (Painn Nu)    Off Peak    12.717      50    Tawlari (Painn Nu)    Off Peak    12.717      53    CSRE    CR-Recovery Target    52.561      53    CSRE    CR-Recovery Target    13.56      53    CSRE    CR-Recovery Target    13.56      54    Sch O Hydro (*100 KW)    Off Peak    12.777							224,069
SD    PGV    Off Pack    12,717    Baseline Disee!      SD    PGV-Adf 5 MW    OP Pack    13,450    98    Diseel 5, baseline month    33,367      SD    PGV-Adf 8 MW    OP Pack    6,840    99    Esseline Disee!    Junch    1,09      SD    PGV-Adf 8 MW    OF Pack    6,840    99    Esseline Disee!    Junch    1,09      SD    PGV-Adf 8 MW    OF Pack    6,840    97    Diseel Cont    2,232      SD    PGV-Adf 8 MW    OF Pack    1,271    100    IF O Cost, crimitsu    1,00      SD    Pack Manewable Dev.    OF Pack    1,271    102    IF O Cost, crimitsu    1,233      SD    Tawhiri (Pakin Nu)    OF Pack    1,362    104    IF O Cost, crimitsu    1,353      SD    Stating Cost (Pack V M Mit Nich	10		· · ·	10,100	96	Baseline IFO, ¢/mmbtu	880.98
51    PCV - Add 15 MW    On Peak    13.450    97    Desel 5, baseline month    53.38      52    PCV - Add 15 MW    On Peak    6.840    98    Desel mbtu, baseline    308      53    PCV - Add 16 MW    On Peak    6.840    98    Desel mbtu, baseline    308      54    PCV - Add 16 MW    On Peak    13.162    Mathu Hydro    20      55    Walkku Hydro    On Peak    12.717    100    If Combta, budget    22.05      56    Hew Renewable Dev.    Of Peak    12.717    101    If Co GRE CoRC Recey Target    52.05      57    Hew Renewable Dev.    Of Peak    12.860    103    If Co differential    54.361      58    Small Hydro (~100 KW)    On Peak    12.870    105    Desel CoRC Freak    52.051      54    Sch O Hydro (~100 KW)    On Peak    12.870    105    Desel CoRC Freak    52.016      54    Sch O Hydro (~100 KW)    On Peak    12.870    100    Desel CoRC Freak    52.016      71    <						Describes Disease	
52    PCV - Add 15 MW    Off Paak    13.450    99    Deser Immbu, baseline    30.00      53    PCV - Add 18 MW    Off Paak    6.840    99    Deser Immbu, baseline    30.00      54    PCV - Add 18 MW    Off Paak    13.162    Month IFO    22.26      55    Walakui Hydro    Off Paak    12.712    100    IFO ommtu, baseline    32.24      56    Tawkin (Pakin Nu)    Off Paak    12.712    100    IFO ommtu, baseline    32.24      57    Tawkin (Pakin Nu)    Off Paak    12.717    100    IFO offerential    \$2.48      58    Tawkin (Pakin Nu)    Off Paak    12.717    100    Deser Immbu, baseline    \$2.50      50    Tawkin (Pakin Nu)    Off Paak    13.50    100    Deser Immbu, baseline    \$2.48      50    Tawkin (Pakin Nu)    Off Paak    13.50    100    Deser Immbu, baseline    \$2.30      61    Tawkin (Pakin Nu)    Off Paak    13.50    100    Deser Immbu, baseline    \$2.30      7							
63    PCV - Addt 8 MM    On Peak    6.840    99    Baseline Diesel, c/mmblu    1.05      64    PCV - Addt 8 MM    On Peak    13.162    Month IFO    122      65    Walaku Hydro    On Peak    13.162    100    IF Ormstbu, todget    232      75    Haw Renevable Dev.    On Peak    13.162    100    IF O Cest, frainal Cest    23.06      86    Month IFO    IF O Cest, frainal Cest    100    IF O Cest, frainal Cest    23.06      86    For Markin Hydro    Of Peak    13.162    Month Dicel    34.36      87    For Markin (Pokin Nui)    Of Peak    13.162    Month Dicel    35.36      86    And Hydro (>100 KW)    On Peak    13.162    Month Dicel    35.36      9    PURCHASED ENERGY KWH MX, %, Renewable    100    Diesel CRAF Forsil Cost and anore    51.00      9    PURCHASED ENERGY KWH MX, %, Renewable    111    Namum Annual Cest Pic-Incentron    36.00      68    PCV    Of Peak    3.720    110    Marimum Annual Cest Pic-Incentron							\$3,363,554
FeV    Add18 MW    Off Peak    6.840      55    Walaku Hydro    Off Peak    12.717    100    IF Orm bhu, budget    232      56    Walaku Hydro    Off Peak    12.717    100    IF Orm bhu, budget    232      57    Hawi Renewable Dev.    Off Peak    12.717    102    IF O Cest, errombu    352      61    Tawhin (Pakin Nu)    On Peak    12.80    101    IF O Cast, errombu    52.46      63    Small Hydro (100 KW)    Off Peak    12.80    104    IF O differential    543      64    Small Hydro (100 KW)    Off Peak    12.777    105    Diseel Onat, errombu    1.35      63    Small Hydro (100 KW)    Off Peak    12.777    105    Diseel Onat, errombu    1.35      64    Sch Q Hydro (100 KW)    12.570    107    Diseel Onat, errombu    1.35      7    PURCHASED ENERGY KWH MIX, %,    110    Total Forsil    S414    100    106      7    PURCHASED ENERGY KWH MIX, %,    113    Maximu Annual Cap (10-							308,091
55    Walkuk Hydro    On Peak    12.12    Month IFO      56    Walkuk Hydro    Off Peak    12.77    100    IFO mmbu, budget    23.23      57    Haw Renewable Dev.    On Peak    13.162    101    IFO CRSC, Fossil Cost    25.45      58    Haw Renewable Dev.    Off Peak    12.717    102    IFO Base ECRC Recovery Target    52.45      50    Tawhin (Pakin Nu)    On Peak    13.162    IFO differential    \$43      61    HEP Biodiesel    12.770    107    IFO Base ECRC Recovery Target    \$2.101      62    Small Hydro (>100 NW)    Off Peak    12.770    107    Desel ECRC Peosetry Target    \$2.101      63    Sch Diydro (<100 KW)					99	Baseline Diesel, c/mmbtu	1,091.74
15    Walkuch Hydro    Off Peak    12.717    100    IF O mmblu, budget    232      57    Haw Renewable Dav.    Off Peak    12.717    102    IF O Cost, grimmblu    1.06      58    Haw Renewable Dav.    Off Peak    12.717    102    IF O Cost, grimmblu    52.66      60    Tawhin (Pakin Nui)    Off Peak    12.800    104    IF O Base ECRC Recovery Target    52.06      61    HEB Elociesel    11.80    104    IF O differential    \$438      62    Small Hydro (-100 KW)    Off Peak    12.70    105    Desel CRCR, Foscil Cost    \$2.100      64    Sch O Hydro (-100 KW)    12.57    106    Desel CRCR, Foscil Cost    \$2.100      7    PURCHASED ENERGY KWH MIX, %    Renewable    112    Total Fossil    113    Masimum Annual Cap (b-differential)    \$360      70    PGV - Addt1    Off Peak    12.30    112    Total Monthy Fossil Fuel Cost Risk Sharing, Nenthy in Year    \$17      71    PGV - Addt1    Off Peak    12.25    113    Masimum Annual				6.840			
57  Haw Renévable Dev.  On Peak  12.162  101  IF O CEGC, Fossil Cost  52.467    58  Haw Renévable Dev.  Off Peak  12.17  102  IF O EGRC, Fossil Cost  52.467    59  Tawhiri (Pakin Nui)  Off Peak  12.410  103  IF O EGRC, Fossil Cost  52.467    61  Her Bicdiesel  14.894  144  90  165  53    62  Samal Hydro (-100 KW)  On Peak  12.77  105  Dises I minbui, budget  153    63  Canker  100  106  Dises I minbui, budget  13.3  166    64  Sch Q Hydro (-100 KW)  12.570  106  Dises I discription (200  153    64  FREROY KWH MIX, %,  110  Total Month J Fossil  51.69    7  PURCHASED ENERGY KWH MIX, %,  Renewable  111  Total Month J Fossil Fuel Cost Risk Sharing, Prior Months in Year  51.67    7  PGV  On Peak  3.262  111  Maximu Annual Cap (bi-directional)  520    7  PGV - Addt  Off Peak  3.262  111  Maximu Annual Cap (bi-directional)  530 <td>55</td> <td>Wailuku Hydro</td> <td></td> <td>13.162</td> <td></td> <td>Month IFO</td> <td></td>	55	Wailuku Hydro		13.162		Month IFO	
15  Hawi Renewable Dev.  Off Peak  12.717  102  IFO ECRC Fossil Cost  \$2.456    50  Tawhin (Pakini Nui)  Off Peak  12.860  IFO Base ECRC Recovery Target  \$2.265    60  Tawhin (Pakini Nui)  Off Peak  12.860  Iter O Base ECRC Recovery Target  \$2.456    61  HEP Biodesel  14.864  Month Diesel  \$1.862    62  Small Hydro (+100 KW)  Of Peak  12.77  105  Diesel mobul, budget  1.55    63  GCRFE  15.00  106  Diesel Cost, crimmbu, budget  1.53    64  Sch O Hydro (+100 KW)  12.770  107  Diesel EdRCF Creatil Cost  \$2.101    70  PURCHASED ENERGY KWH MIX, %,  14.079  110  Tarlo Fossil  \$11    71  Total Monthy Fossil Fuel Cost Risk Sharing, Phor Months in Year  \$11  \$11  Year Order Sch Order Sc	56	Wailuku Hydro	Off Peak	12.717	100	IFO mmbtu, budget	232,730
Sp    Tawhin (Pakini Nu)    On Peak    13.410    103    FCD Base ECRC Recovery Target    52.050      60    Tawhin (Pakini Nu)    OI Peak    14.884    543      61    HEP Bindlesel    14.884    543      62    Small Hydro (-100 KW)    OI Peak    12.717    105    Diesel Base (Ammbu)    13.35      63    ScRE    100    116    Diesel CRC Fossil Cost    52.100      64    Sch Q Hydro (-100 KW)    OI Peak    12.570    107    Diesel ECR C ECOst    52.100      7    FURCHASED ENERGY KWH MIX, %,    14.079    111    Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year    51.60      7    FQV    OI Peak    12.35    114    Numary Annual Cap (In-directional)    500      86    PGV    OI Peak    2.35    114    Numary Annual Cap (In-directional)    500      86    PGV    OI Peak    2.35    114    Numary Annual Cap (In-directional)    500      87    FGV    OI Peak    2.37    112    Total Monthly Fos	57	Hawi Renewable Dev.	On Peak	13.162	101	IFO Cost, ¢/mmbtu	1,068.69
60    Tawhin (Pakin Nui)    Off Peak    12.880    IO4    IF-O differential    \$431      61    HEP Bodiesel    13.162    Month Diesel    13.162    \$338      63    Small Hydro (<100 KW)	58	Hawi Renewable Dev.	Off Peak	12.717	102	IFO ECRC Fossil Cost	\$2,487,165
61    HEP Biodiesal    14.894      62    Small Hydro (>100 KW)    Off Peak    12.717    105    Diesel mohu, budget    155      63    SRE    15.000    106    Diesel Cock, drimmbu    1,35      64    Sch Q Hydro (>100 KW)    12.570    107    Diesel ECRC Feasi Cock    \$2,010      66    FIT    23.00    108    Diesel Base ECRC Rescuery Target    \$160:      7    PURCHASED ENERGY KWH MIX, %, Renewable    107    Total Monthly Fossil Fuel Coat Risk Sharing, Prior Months in Year    \$11      7    FVW    On Peak    19.300    111    Maintun Annual Cop (b-directional)    \$200      80    PCV    On Peak    12.30    Total Monthly Fossil Fuel Coat Risk Sharing, Prior Months in Year    \$11      7    Fossil Kark R Profesil fuel Coat Risk Sharing, Including This Month    \$12    Total Monthly Fossil Fuel Coat Risk Sharing, Including This Month    \$13      7    Fossil Kark Sharing Locos Risk Sharing, Including This Month    \$14    \$14    \$11      7    Total Monthly Fossil Fuel Coat Risk Sharing, Including This Month    \$13    \$14	59	Tawhiri (Pakini Nui)	On Peak	13.410	103	IFO Base ECRC Recovery Target	\$2,050,309
Res    Small Hydro (>100 KW)    On Peak    13.162    Month Diesel      63 Small Hydro (>100 KW)    Off Peak    12.717    106    Diesel Cost, c/mmbu, budget    15.55      64 Sch Q Hydro (>100 KW)    12.570    107    Diesel ECRC Fossil Cost    52.100      65 FIT    23.800    108    Diesel Base ECRC Recovery Target    \$1.62      9 URCHASED ENERGY KWH MIX, %,    11.07    Total Fossil    \$341      110    Total Fossil    112    Total Monthy Fossil Fuel Cost Risk Sharing, Prior Months in Year    \$311      67 PGV    On Peak    19.308    113    Maximum Annual Cog Icidirectional)    \$500      68 PGV    Off Peak    3.662    115    Fossil Fuel Cost Risk Sharing, Prior Months in Year    \$317      71 PGV - Add1    Off Peak    4.307    113    Maximum Annual Cog Icidirectional)    \$500      71 PGV - Add1 NW    Off Peak    4.307    114    Nuthor Inhy Fossil Fuel Cost Risk Sharing, Including This Month    \$33      73 Waikku Hydro    Off Peak    3.202    117    Applicable Monthy Fossil Fuel Cost Risk Sharing Unotant Risk Sharing Unotat Risk Sha	60	Tawhiri (Pakini Nui)	Off Peak	12.880	104	IFO differential	\$436,856
62    Small Hydro (>100 KW)    On Peak    13.162    Month Diesel      63    Small Hydro (>100 KW)    Off Peak    12.717    106    Diesel Cost, c/mmbu, budget    155      63    Sad Sch Q Hydro (>100 KW)    12.570    107    Diesel Base ECR CP Result Cost    \$3.162      64    Sch Q Hydro (>100 KW)    12.570    108    Diesel Base ECR CP Recovery Target    \$1.69      7    FIT    23.800    108    Diesel Base ECR CP Recovery Target    \$1.61      9    FURCHASED ENERGY KWH MIX, %, Renewable    11.07    Total Fossil    \$1.62    \$3.66      67    PGV    Off Peak    12.36    1114    Number Olays in year from implementation    \$50      68    PGV    Off Peak    3.662    115    Fossil Fuel Cost Risk Sharing, Prior Months in Year    \$51      7    PGV - Addt NW    Off Peak    4.275    118    Maximum Annual Cap (bi-directional)    \$50      71    PGV - Addt NW    Off Peak    4.307    118    Total Monthy Fossil Fuel Cost Risk Sharing, Including This Month    \$53	61	HEP Biodiesel		14.894			
63  Small Hydro (>100 KW)  Off Peak  12.717  105  Diesel Embty, updat  155    64  Sch Q Hydro (<100 KW)	62	Small Hvdro (>100 KW)	On Peak			Month Diesel	
63a CBRE    15.000    106    Diesel Cost. Jimmbu    1,35      64 Sch O, Hydro (<100 KW)					105		155,485
64    Sch Q Hydro (<100 KW)							1,356.44
65    FIT    23.800    108    Diesel Base ECRC Recovery Target    \$1.67      PURCHASED ENERGY KWH MIX, %,    14.079    Total Fossil    \$41      110    Total Fossil    \$44      66    HEP, Fossil    14.079    111    2% of above    \$11      67    POV    OP Peak    19.308    113    Maximum Annual Cap (th-directional)    \$60      68    POV    OP Peak    3.862    115    Fossil Risk % Porotain (based on 365 day year)    100      70    FOV - Addt1    OP Peak    5.229    117    Applicable Monthly Fossil Fuel Cost Risk Sharing, Including This Month    \$32      72    POV - Addt1 8 MW    OP Peak    3.022    118    Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month    \$33      73    Waikuu Hydro    OP Peak    3.022    112    Fossil Fuel Cost Risk Sharing Component, z/kWh    \$167      74    Waikuu Hydro    OP Peak    3.023    108    \$121    Fossil Fuel Cost Risk Sharing Component, z/kWh    \$32      74    Waikuu Hydro    OP Peak    <							\$2,109,063
00    Diesel differential    \$44      66    HEP, Fossil    14.079    111    2% of above    \$11      7    PURCHASED ENERGY KWH MIX, %, Renewable    13.00    Total Anoship, Fossil Fuel Cost Risk Sharing, Prior Months in Year    \$11      67    PGV    OP Peak    12.03    111    Number of Days in year from implementation    \$100      69    PGV - Addt1    On Peak    3.862    115    Fossil Risk % Proration (based on 365 day year)    1000      70    PGV - Addt1 MW    Off Peak    2.729    116    Maximum Annual Cap (bi-directional)    \$500      71    PGV - Addt1 MW    Off Peak    3.029    117    Applicable Monthy Fossil Fuel Cost Risk Sharing, Including This Month    \$531      73    Wailuku Hydro    Off Peak    3.020    119    Fossil Cost Risk Sharing before taxes    \$111      74    Wailuku Hydro    Off Peak    3.020    112    Foresated Month Wh Sales    77      74    Mailuku Hydro    Off Peak    3.020    122    Foresatel Cost Risk Sharing Component, #KWh    512 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>\$1,697,500</td></td<>							\$1,697,500
PURCHASED ENERGY KWH MIX, %,    110    Total Fossil    State      66    HEP, Fossil    14.079    111    2% of above    \$11      PURCHASED ENERGY KWH MIX, %, Renewable    112    Total Fossil    \$11    111    2% of above    \$11      PGV    On Peak    19.308    111    Maximum Annual Cap (bi-directional)    \$600      8    PGV - Addt1    On Peak    3.62    116    Maximum Annual Cap (bi-directional)    \$600      7    PGV - Addt1    Off Peak    2.72    116    Maximum Annual Cap (bi-directional)    \$600      7    PGV - Addt1    Off Peak    2.72    116    Maximum Annual Cap (bi-directional)    \$600      7    PGV - Addt1    Off Peak    2.72    116    Maximum Annual Cap (bi-directional)    \$600      7    Validku Hydro    Off Peak    4.975    117    Applicable Monthly Fossil Fuel Cost Risk Sharing Including This Month    \$31      7    Waliku Hydro    Off Peak    2.445    121    Fossil Cost Risk Sharing Component, ¢/kWh    536      7	00			20.000		, ,	\$411,563
66    HEP, Fossil    14.079    111    2% of above    \$10      PURCHASED ENERGY KWH MIX, %, Renewable    10.00    111    2% of above    \$10      67    PCV    On Peak    12.00    113    Maximum Annual Cap (bi-directiona)    \$50      68    PCV    Off Peak    12.30    114    Number of Days in year from implementation    \$50      69    PCV - Add1    On Peak    3.862    115    Fossil Risk % Proriton (based on 365 day year)    100      70    PCV - Add1 B MW    Off Peak    4.375    116    Maximum Annual Cap (bi-directiona)    provided Status    \$60      71    PCV - Add1 B MW    Off Peak    3.023    117    Applicable Monthly Fossil Fuel Cost Risk Sharing    \$10    \$60      74    Wailuku Hydro    Off Peak    3.023    119    Fossil Cost Risk Sharing before taxes    \$11      74    Wailuku Hydro    Off Peak    3.020    122    Forecasted Month WIN Sales    77      74    Mailuku Hydro    Off Peak    0.000    0    0    0		DURCHASED ENERGY KW	HMX %				\$848,419
PURCHASED ENERGY KWH MIX, %, Renewable    112    Total Monthly Fossil Fuel Cost Risk Sharing, Prior Months in Year    \$13      67    PGV    On Peak    12.36    113    Maximum Annual Cap (bi-directional)    \$60      68    PGV    Of Peak    12.36    114    Number of Days in year from implementation    \$600      70    PGV - Add1 MW    On Peak    2.26    115    Fossil Risk % Proration (based on 365 day year)    100      71    PGV - Add1 MW    On Peak    2.32    116    Maximum Annual Cap (bi-directional) prorated    \$600      73    Wailuk Hydro    On Peak    4.975    118    Total Monthly Fossil Fuel Cost Risk Sharing Including This Month    \$34      74    Wailuk Hydro    On Peak    3.023    119    Fossil Cost Risk Sharing wirevenue tax    \$11      74    Wailuk Hydro    On Peak    3.023    119    Fossil Cost Risk Sharing wirevenue tax    \$11      74    Wailuk Hydro    On Peak    3.020    121    Fossil Cost Risk Sharing wirevenue tax    \$11      74    Hawi Renewable Dev.    On Peak	66		11 WIX, 70,	14 070			\$16,968
67    PGV    On Peak    19.308    113    Maximum Annual Cap (bi-directional)    560      68    PGV    Off Peak    12.18    114    Number of Days in year form implementation    560      69    PGV - Addt1    On Peak    3.862    115    Fossil Risk % Proration (based on 365 day year)    100      70    PGV - Addt1 8 MW    On Peak    5.329    117    Applicable Monthly Fossil Fuel Cost Risk Sharing    \$111      73    Wailuku Hydro    On Peak    4.975    118    Total Monthly Fossil Fuel Cost Risk Sharing before taxes    \$111      74    Wailuku Hydro    Off Peak    3.023    119    Fossil Cost Risk Sharing before taxes    \$111      74    Wailuku Hydro    Off Peak    3.023    119    Fossil Cost Risk Sharing Component, #/kWh    10.93      76    Haw Renewable Dev.    Off Peak    2.445    121    Fossil Cost Risk Sharing Component, #/kWh    10.93      77    Tawhiri (Pakini Nui)    Off Peak    0.000    122    Forecasted Month WhS alse    777      73    Tawhiri (Pakini Nui) <td>00</td> <td>HEF, FOSSI</td> <td></td> <td>14.079</td> <td></td> <td>2 % 01 20046</td> <td>\$10,908</td>	00	HEF, FOSSI		14.079		2 % 01 20046	\$10,908
67    PGV    On Peak    19.308    113    Maximum Annual Cap (bi-directional)    560      68    PGV    Off Peak    12.18    Number of Days in year form implementation    560      69    PGV - Addt1    On Peak    3.862    111    Number of Days in year form implementation    560      70    PGV - Addt1    On Peak    3.862    115    Fossil Risk % Proration (based on 365 day year)    100      71    PGV - Addt1 8 MW    On Peak    5.329    117    Applicable Monthly Fossil Fuel Cost Risk Sharing    \$11      73    Waikuk Hydro    On Peak    4.307    119    Fossil Cost Risk Sharing before taxes    \$11      74    Waikuk Hydro    Of Peak    3.023    119    Fossil Cost Risk Sharing Component, #kWh    10.93      75    Tawkini (Pakini Nui)    Of Peak    2.445    121    Fossil Cost Risk Sharing Component, #kWh    10.93      77    Tawkini (Pakini Nui)    Of Peak    0.000    Perivation of Non-Adjustable Component.    100      79    HEP Biodiesel    5.366    Singe Fuecos Adjustmen			ULMIX % Denewable		110	Total Manthly Fassil Fuel Cost Diel: Charing, Dries Mantha in Vass	¢17 400
B    PGV    Off Peak    12.138    114    Number of Days in year from implementation    100      09    PGV - Addt1    Off Peak    2.729    115    Fossil Risk % Proration (based on 365 day year)    100      10    PGV - Addt1    Off Peak    2.729    115    Maximum Annual Cap (bi-directional) prorated    \$600      71    PGV - Addt1 8 MW    Off Peak    4.975    118    Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month    \$513      74    Waikku Hydro    Off Peak    3.023    119    Fossil Cost Risk Sharing wrevenue tax    \$111      75    Hawi Renewable Dev.    Off Peak    2.424    121    Fossil Cost Risk Sharing wrevenue tax    \$111      77    Tawhin (Pakini Nui)    Off Peak    2.464    121    Fossil Fuel Cost Risk Sharing wrevenue tax    \$113      77    Tawhin (Pakini Nui)    Off Peak    2.464    122    Forecasted Month WM Sales    777      78    Tawhin (Pakini Nui)    Off Peak    0.000    148    Gene Cargo Insurance Exp, \$000    503      80    Small	07			40.000		,	\$17,422
69    PGV - Addt1    On Peak    3.862    115    Fossil Risk % Prorition (based on 365 day year)    100      70    PGV - Addt1    Off Peak    2.729    116    Maximum Annual Cap (bridinectional) prorated    \$600      71    PGV - Addt1 8 MW    On Peak    4.975    118    Total Monthly Fossil Fuel Cost Risk Sharing    \$117      73    Waikku Hydro    On Peak    4.975    118    Total Monthly Fossil Fuel Cost Risk Sharing    \$100      74    Waikku Hydro    On Peak    3.023    119    Fossil Cost Risk Sharing before taxes    \$117      74    Waikku Hydro    On Peak    3.023    119    Fossil Cost Risk Sharing before taxes    \$117      75    Tawhiri (Pakin Nui)    On Peak    2.445    121    Fossil Cost Risk Sharing wirevenue tax    \$117      78    Tawhiri (Pakin Nui)    Off Peak    7.856    123    Fossil Fuel Cost Risk Sharing Wirevenue tax    \$118      80    Smail Hydro (>100 KW)    Off Peak    0.000    Derivation of Non-Adjustable Component:    \$100.000      816    Strep Boolesel			÷				\$600,000
70    PGV - Add11    Off Peak    2.729    116    Maximum Annual Cap (bi-directional) profiled    \$600      71    PGV - Add18 MW    On Peak    5.329    117    Applicable Monthly Fossil Fuel Cost Risk Sharing. Including This Month    \$317      72    PGV - Add18 MW    On Peak    4.307    118    Total Monthly Fossil Fuel Cost Risk Sharing. Including This Month    \$337      74    Wailuku Hydro    On Peak    3.720    120    Revenue Tax Adjustment    1.097      75    Haw Renewable Dev.    On Peak    3.720    120    Revenue Tax Adjustment    1.097      76    Hawin Renewable Dev.    On Peak    9.911    122    Foresail Cost Risk Sharing Ormonent, #KWh    -0.01      77    Tawhin (Pakini Nui)    On Peak    0.000    Derivation of Non-Adjustable Component:    123    Fossil Fuel Cost Risk Sharing Component, #KWh    -0.01      81    Small Hydro (<100 KW)							365
71    PGV - Add18 MW    On Peak    5.329    117    Applicable Monthly Fossil Fuel Cost Risk Sharing    \$11      72    PGV - Add18 MW    Off Peak    4.975    118    Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month    \$33      74    Wailuku Hydro    On Peak    4.307    119    Fossil Cost Risk Sharing before taxes    \$11      74    Wailuku Hydro    On Peak    3.023    119    Fossil Cost Risk Sharing before taxes    \$11      75    Hawi Renewable Dev.    Off Peak    2.445    121    Fossil Cost Risk Sharing Wirevenue tax    \$11      77    Tawhiri (Pakini Nui)    Off Peak    7.86    122    Forecasted Month Wh Sales    77      78    Tawhiri (Pakini Nui)    Off Peak    0.000    Derivation of Non-Adjustable Component:    0.000      80    Small Hydro (>100 KW)    Off Peak    0.000    Derivation of Non-Adjustable Component:    0.000      81    ComP Cost Purchased Energy Fossil, ¢/kWh    14.8940    930    Ocean Cargo Insurance Exp, \$000    5      82    Cod Plot Col KW    12.853<							100.00%
72    PGV - Add18 MW    Off Peak    4.975      73    Wailuku Hydro    On Peak    4.307      74    Wailuku Hydro    Off Peak    3.023      75    Hawi Renewable Dev.    Off Peak    3.023      76    Hawi Renewable Dev.    Off Peak    2.424      76    Hawi Renewable Dev.    Off Peak    2.445      77    Tawhir (Pakini Nui)    Off Peak    2.445      77    Tawhir (Pakini Nui)    Off Peak    2.445      77    Tawhir (Pakini Nui)    Off Peak    0.000      78    Tawhir (Pakini Nui)    Off Peak    0.000      78    Tawhir (Pakini Nui)    Off Peak    0.000      78    Tawhir (Pakini Nui)    Off Peak    0.000      81    Small Hydro (<100 KW)							\$600,000
73  Wailuku Hydro  On Peak  4.307    74  Wailuku Hydro  Off Peak  3.023    75  Hawi Renewable Dev.  On Peak  3.720    76  Hawi Renewable Dev.  Off Peak  2.445    77  Tawhiri (Pakini Nui)  On Peak  2.445    77  Tawhiri (Pakini Nui)  Off Peak  7.856    77  Tawhiri (Pakini Nui)  Off Peak  7.856    78  Tawhiri (Pakini Nui)  Off Peak  7.856    80  Small Hydro (>100 KW)  On Peak  0.000    81  Small Hydro (<100 KW)						· · · · · · · · · · · · · · · · · · ·	\$16,968
74  Walkuk Hydro  Off Peak  3.023  119  Fossil Cost Risk Sharing before taxes  \$11    75  Hawi Renewable Dev.  On Peak  3.720  120  Revenue Tax Adjustment  1.097    76  Hawi Renewable Dev.  Off Peak  2.445  121  Fossil Cost Risk Sharing w/revenue tax  \$11    77  Tawhiri (Pakini Nui)  Off Peak  2.445  122  Forecasted Month MVh Sales  77    78  Tawhiri (Pakini Nui)  Off Peak  7.86  Forecasted Month MVh Sales  77    78  Tawhiri (Pakini Nui)  Off Peak  0.000  123  Foresil Fuel Cost Risk Sharing before taxes  \$11    79  HEP Biodiesel  5.366  Derivation of Non-Adjustable Component:  123  Forecasted Month MVh Sales  77    80  Small Hydro (>100 KW)  On Peak  0.000  Derivation of Non-Adjustable Component:  100.000  938  Revenue Tax Adjustment  1.09    81  GERE  0.244  930  2019 TY Sales, MWh  1.06  35    83a  Comp. Cost Purchased Energy Renewable, ¢/kWh  12.518  HELCO-301  93E  Non-Adj Reven					118	Total Monthly Fossil Fuel Cost Risk Sharing, Including This Month	\$34,390
75    Hawi Renewable Dev.    On Peak    3.720    120    Revenue Tax Adjustment    1.09;      76    Hawi Renewable Dev.    Off Peak    2.445    121    Fossil Cost Risk Sharing w/revenue tax    \$18      77    Tawhiri (Pakini Nui)    On Peak    9.911    122    Forecasted Month MWh Sales    77      78    Tawhiri (Pakini Nui)    Off Peak    7.856    123    Fossil Fuel Cost Risk Sharing Component, e/kWh    -0.0      79    HEP Biodiesel    5.366    123    Fossil Fuel Cost Risk Sharing Component.    -0.0      81    Smail Hydro (>100 KW)    On Peak    0.000    Derivation of Non-Adjustable Component.    -0.0      81    CBRE    0.244    0.244    -0.244    -0.244    -0.244    -0.244    -0.244    -0.244    -0.244    -0.255    -0.244    -0.255    -0.244    -0.256    -0.244    -0.256    -0.244    -0.256    -0.266    -0.266    -0.266    -0.266    -0.266    -0.266    -0.266    -0.266    -0.266    -0.266    -0.266    -0.266	73	Wailuku Hydro	On Peak	4.307			
76    Hawi Renewable Dev.    Off Peak    2.445    121    Fossil Cost Risk Sharing w/revenue tax    \$18      77    Tawhiri (Pakini Nui)    On Peak    9.911    122    Forecasted Month MWh Sales    77      78    Tawhiri (Pakini Nui)    On Peak    9.911    122    Forecasted Month MWh Sales    77      78    Tawhiri (Pakini Nui)    On Peak    9.901    123    Fossil Fuel Cost Risk Sharing Wrevenue tax    \$18      79    HEP Biodiesel    5.366    123    Fossil Fuel Cost Risk Sharing Wrevenue tax    \$17      74    Tawhiri (Pakini Nui)    On Peak    0.000    Derivation of Non-Adjustable Component:    0      81    Sch Q Hydro (<100 KW)	74	Wailuku Hydro	Off Peak	3.023	119	Fossil Cost Risk Sharing before taxes	\$16,968
77  Tawhiri (Pakini Nui)  On Peak  9.911  122  Forecasted Month MWn Sales  77    78  Tawhiri (Pakini Nui)  Off Peak  7.856  123  Forecasted Month MWn Sales  77    78  Tawhiri (Pakini Nui)  Off Peak  7.856  123  Forecasted Month MWn Sales  77    78  Tawhiri (Pakini Nui)  Off Peak  7.856  123  Forecasted Month MWn Sales  77    78  Tawhiri (Pakini Nui)  Off Peak  0.000  Derivation of Non-Adjustable Component:  -0.0    81  Small Hydro (>100 KW)  Off Peak  0.000  Derivation of Non-Adjustable Component:  -0.0    81  CRE  0.244  0  0  -0.2  -0.2    82  Sch Q Hydro (<100 KW)	75	Hawi Renewable Dev.	On Peak	3.720	120	Revenue Tax Adjustment	1.097514
78  Tawhiri (Pakini Nui)  Off Peak  7.856  123  Fossil Fuel Cost Risk Sharing Component, ¢/kWh  -0.0    79  HEP Biodiesel  5.366  5.366  5.366  5.366  5.366    80  Small Hydro (>100 KW)  On Peak  0.000  Derivation of Non-Adjustable Component:  5.366    81  Small Hydro (>100 KW)  Off Peak  0.000  5.366  5.36    82  Sch Q Hydro (<100 KW)	76	Hawi Renewable Dev.	Off Peak	2.445	121	Fossil Cost Risk Sharing w/revenue tax	\$18,623
79    HEP Biodiesel    5.366      80    Small Hydro (>100 KW)    On Peak    0.000      81    Small Hydro (>100 KW)    Off Peak    0.000      81    Small Hydro (>100 KW)    Off Peak    0.000      81    CBRE    0.244    93A    Ocean Cargo Insurance Exp, \$000    5      82    Sch Q Hydro (<100 KW)	77	Tawhiri (Pakini Nui)	On Peak	9.911	122	Forecasted Month MWh Sales	77,738
80    Small Hydro (>100 KW)    On Peak    0.000      81    Small Hydro (>100 KW)    Off Peak    0.000      81    Small Hydro (>100 KW)    Off Peak    0.000      81    CBRE    0.244    93A    Ocean Cargo Insurance Exp, \$000    S      82    Sch Q Hydro (<100 KW)	78	Tawhiri (Pakini Nui)	Off Peak	7.856	123	Fossil Fuel Cost Risk Sharing Component, ¢/kWh	-0.0240
81  Small Hydro (>100 KW)  Off Peak  0.000    81  CBRE  0.244    82  Sch Q Hydro (<100 KW)	79	HEP Biodiesel		5.366			
81  Small Hydro (>100 KW)  Off Peak  0.000    81  CBRE  0.244    82  Sch Q Hydro (<100 KW)	80	Small Hydro (>100 KW)	On Peak	0.000	Derivation of	Non-Adjustable Component:	
81a CBRE    0.244      82    Sch Q Hydro (<100 KW)						·····	
82    Sch Q Hydro (<100 KW)			on roun				
83    FIT    0.555 100.000    HELCO-603, page 1, line 4    1.09      83a    Comp. Cost Purchased Energy Fossil, ¢/kWh    14.8940    93B    Revenue Tax Adjustment    1.09      83b    Comp. Cost Purchased Energy Renewable, ¢/kWh    12.5186    93D    2019 TY Sales, MWh    1,067      84    COMPOSITE COST OF PURCHASED    12.853    93E    Non-Adj Revenues, ¢/kWh    0.00      84    COMPOSITE COST OF PURCHASED    12.853    85 % Input to System kWh Mix    62.622    93E    Non-Adj Revenues, ¢/kWh    0.00      85    % Input to System kWh Mix    62.622    8.04881    93E    Non-Adj Revenues, ¢/kWh    0.00      87    BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh    0.000    Line    SYSTEM COMPOSITE    93E      88    Base % Input to Sys kWh Mix    0.00    0.00    124    GENERATION AND PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))    0.00000    FACTOR, ¢/kWh (Lines (47 + 93))    15.66      90    COST LESS BASE (Lines (86 - 89))    8.04881    126    Non-Adjustable Component (Line 93E)    0.00      91    Loss Factor					93A	Ocean Cargo Insurance Exp. \$000	\$13.1
100.000    93B    Revenue Tax Adjustment    1.09      93C    Non-Adj Revenues, \$000    33      83a Comp. Cost Purchased Energy Renewable, ¢/kWh    14.8940    93D    2019 TY Sales, MWh    1,06      83b Comp. Cost Purchased Energy Renewable, ¢/kWh    12.5186    93D    2019 TY Sales, MWh    1,06      84 COMPOSITE COST OF PURCHASED    93E    Non-Adj Revenues, ¢/kWh    1,06      ENERGY, ¢/kWh    12.853    85    % Input to System kWh Mix    62.622    86      85 % Input to System kWh Mix    62.622    80    Source (KWh)    0.000      87 BASE PURCHASED ENERGY    COMPOSITE COST, ¢/kWh (Lines (84 x 85))    8.04881    100      88 Base % Input to Sys kWh Mix    0.000    124    GENERATION AND PURCHASED ENERGY    124      COST, ¢/kWh (Lines (87 x 88))    0.00000    FACTOR, ¢/kWh (Lines (47 + 93))    15.66      125 Fossil Fuel Cost Risk Sharing Component (Line 123)    (0      90 COST LESS BASE (Lines (86 - 89))    8.04881    126    Non-Adjustable Component (Line 93E)    0.00      91 Loss Factor    1.062    127    ECA FACTOR, ¢/kWh    1					55A		ψ10.1
93C    Non-Adj Revenues, \$000    5      83a    Comp. Cost Purchased Energy Fossil, ¢/kWh    14.8940    93D    2019 TY Sales, MWh    1,06      83b    Comp. Cost Purchased Energy Renewable, ¢/kWh    12.5186    93D    2019 TY Sales, MWh    1,06      84    COMPOSITE COST OF PURCHASED    93E    Non-Adj Revenues, ¢/kWh    0.00      84    COMPOSITE COST OF PURCHASED    93E    Non-Adj Revenues, ¢/kWh    0.00      85    % Input to System kWh Mix    62.622    93E    Non-Adj Revenues, ¢/kWh    0.00      86    WEIGHTED COMPOSITE PURCHASED ENERGY    62.622    93E    Non-Adj Revenues, ¢/kWh    0.00      87    BASE PURCHASED ENERGY    62.622 <td>00</td> <td>111</td> <td></td> <td></td> <td>028</td> <td></td> <td>1.097514</td>	00	111			028		1.097514
83a Comp. Cost Purchased Energy Fossil, ¢/kWh  14.8940  93D  2019 TÝ Sales, MWh  1,06'    83b Comp. Cost Purchased Energy Renewable, ¢/kWh  12.5186  HELCO-301				100.000			\$14.4
83b Comp. Cost Purchased Energy Renewable, ¢/kWh  12.5186    84 COMPOSITE COST OF PURCHASED  93E    ENERGY, ¢/kWh  12.853    85 % Input to System kWh Mix  62.622    86 WEIGHTED COMPOSITE PURCHASED ENERGY  8.04881    87 BASE PURCHASED ENERGY  8.04881    87 BASE PURCHASED ENERGY  0.000    88 Base % Input to System kWh Mix  0.000    89 WEIGHTED BASE PURCHASED ENERGY  0.0000    7 COST, ¢/kWh (Lines (87 x 88))  0.0000    80 WEIGHTED BASE PURCHASED ENERGY  0.0000    7 COST, ¢/kWh (Lines (86 - 89))  8.04881    90 COST LESS BASE (Lines (86 - 89))  8.04881    91 Loss Factor  1.062    92 Revenue Tax *  1.0975	00-	Comp. Coot Durchased Free		14 0040			
84  COMPOSITE COST OF PURCHASED  93E  Non-Adj Revenues, ¢/kWh  0.00    ENERGY, ¢/kWh  12.853  65  % Input to System kWh Mix  62.622  66    85  % Input to System kWh Mix  62.622  66  WEIGHTED COMPOSITE PURCHASED ENERGY  0.00    87  BASE PURCHASED ENERGY  0.00  64  80.04881    87  BASE PURCHASED ENERGY  0.00  124  GENERATION AND PURCHASED ENERGY    COMPOSITE COST, ¢/kWh (Lines (87 x 88))  0.0000  124  GENERATION AND PURCHASED ENERGY    COST, ¢/kWh (Lines (87 x 88))  0.00000  125  Fossil Fuel Cost Risk Sharing Component (Line 123)  (0    90  COST LESS BASE (Lines (86 - 89))  8.04881  126  Non-Adjustable Component (Line 93E)  0.00    91  Loss Factor  1.062  127  ECA Reconciliation Adjustment  (0    92  Revenue Tax *  1.0975  128  ECA FACTOR, ¢/kWh  15					93D		1,061,718
ENERGY, ¢/kWh12.85385% Input to System kWh Mix62.62286WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))8.0488187BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh0.00088Base % Input to Sys kWh Mix0.00089WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))0.0000090COST LESS BASE (Lines (86 - 89))8.0488191Loss Factor1.06292Revenue Tax *1.097593Revenue Tax *1.097594CAST ARA15				12.5186	005		0.00105
85  % Input to System kWh Mix  62.622    86  WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))  8.04881    87  BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh  0.000    88  Base % Input to Sys kWh Mix  0.00    89  WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))  0.00000    90  COST LESS BASE (Lines (86 - 89))  8.04881    91  Loss Factor  1.062    92  Revenue Tax *  1.0975	84		RCHASED		93E	Non-Adj Revenues, ¢/kWh	0.00135
86  WEIGHTED COMPOSITE PURCHASED ENERGY COST, ¢/kWh (Lines (84 x 85))  8.04881    87  BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh  0.000    88  Base % Input to Sys kWh Mix  0.00    89  WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))  0.00000    90  COST LESS BASE (Lines (86 - 89))  8.04881    91  Loss Factor  1.062    92  Revenue Tax *  1.0975		- , , :					
COST, ¢/kWh (Lines (84 x 85))    8.04881      87    BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh    0.000      88    Base % Input to Sys kWh Mix    0.00      89    WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))    0.0000      90    COST LESS BASE (Lines (86 - 89))    8.04881      121    Fossil Fuel Cost Risk Sharing Component (Line 123)    (0      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    (0      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15				62.622			
87  BASE PURCHASED ENERGY COMPOSITE COST, ¢/kWh  0.00    88  Base % Input to Sys kWh Mix  0.00    89  WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))  124  GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))  15.66    90  COST LESS BASE (Lines (86 - 89))  8.04881  126  Non-Adjustable Component (Line 123)  (0    91  Loss Factor  1.062  127  ECA Reconciliation Adjustment  (0    92  Revenue Tax *  1.0975  128  ECA FACTOR, ¢/kWh  15	86	WEIGHTED COMPOSITE P	URCHASED ENERGY				
COMPOSITE COST, ¢/kWh    0.000    Line    SYSTEM COMPOSITE      88    Base % Input to Sys kWh Mix    0.00    124    GENERATION AND PURCHASED ENERGY      89    WEIGHTED BASE PURCHASED ENERGY    124    GENERATION AND PURCHASED ENERGY      COST, ¢/kWh (Lines (87 x 88))    0.0000    FACTOR, ¢/kWh (Lines (47 + 93))    15.68      90    COST LESS BASE (Lines (86 - 89))    8.04881    126    Non-Adjustable Component (Line 123)    (0      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    0.000      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15		COST, ¢/kWh (Lines (84 x	85))	8.04881			
COMPOSITE COST, ¢/kWh    0.000    Line    SYSTEM COMPOSITE      88    Base % Input to Sys kWh Mix    0.00    124    GENERATION AND PURCHASED ENERGY      89    WEIGHTED BASE PURCHASED ENERGY    124    GENERATION AND PURCHASED ENERGY      COST, ¢/kWh (Lines (87 x 88))    0.0000    FACTOR, ¢/kWh (Lines (47 + 93))    15.68      90    COST LESS BASE (Lines (86 - 89))    8.04881    126    Non-Adjustable Component (Line 123)    (0      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    0.000      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15							
88    Base % Input to Sys kWh Mix    0.00      89    WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))    124    GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))    15.66      90    COST LESS BASE (Lines (86 - 89))    8.04881    126    Non-Adjustable Component (Line 93E)    0.00      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    00      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15	87	BASE PURCHASED ENERG	GY				
88    Base % Input to Sys kWh Mix    0.00      89    WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))    124    GENERATION AND PURCHASED ENERGY FACTOR, ¢/kWh (Lines (47 + 93))    15.66      90    COST LESS BASE (Lines (86 - 89))    8.04881    125    Fossil Fuel Cost Risk Sharing Component (Line 123)    (0      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    00      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15		COMPOSITE COST, ¢/kW	h	0.000	Line	SYSTEM COMPOSITE	
89    WEIGHTED BASE PURCHASED ENERGY COST, ¢/kWh (Lines (87 x 88))    124    GENERATION AND PURCHASED ENERGY      125    FACTOR, ¢/kWh (Lines (47 + 93))    15.66      125    Fossil Fuel Cost Risk Sharing Component (Line 123)    (0)      90    COST LESS BASE (Lines (86 - 89))    8.04881    126    Non-Adjustable Component (Line 93E)    0.0000      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    (0)      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15	88			0.00			
COST, ¢/kWh (Lines (87 x 88))    0.0000    FACTOR, ¢/kWh (Lines (47 + 93))    15.66      90    COST LESS BASE (Lines (86 - 89))    8.04881    125    Fossil Fuel Cost Risk Sharing Component (Line 123)    (0      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    00      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15					12	24 GENERATION AND PURCHASED ENERGY	
125Fossil Fuel Cost Risk Sharing Component (Line 123)(090COST LESS BASE (Lines (86 - 89))8.04881126Non-Adjustable Component (Line 93E)0.0091Loss Factor1.062127ECA Reconciliation Adjustment(092Revenue Tax *1.0975128ECA FACTOR, ¢/kWh15	2.0			0.00000			15.68476
90    COST LESS BASE (Lines (86 - 89))    8.04881    126    Non-Adjustable Component (Line 93E)    0.00      91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    (0      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15			//	0.00000	10		(0.024)
91    Loss Factor    1.062    127    ECA Reconciliation Adjustment    (0      92    Revenue Tax *    1.0975    128    ECA FACTOR, ¢/kWh    15	٩N	COST   ESS BASE (Lines (8	36 - 89))	8 04881			0.00135
92 Revenue Tax * 1.0975 128 ECA FACTOR, ¢/kWh 15							(0.176)
							15.486
					12		10.400
(Lines (90 x 91 x 92))	55			0.00120			

Hawaii Electric Light Company, Inc. FUEL OIL INVENTORY PRICES FOR April 1, 2021

INDUSTRIAL FUEL COSTS: Average Industrial Fuel Cost - \$/BBL Land Transportation Cost - \$/BBL	<u>HILO</u> 66.9985 	<u>PUNA</u> 66.9985 1.4076		
Industrial Costs For Filing - \$/BBL Conversion Factors - mmbtu/BBL	66.9985 6.30	68.4061 6.30		
Industrial Costs For Filing - ¢/mmbtu	1,063.47	1,085.81		
<b>DIESEL FUEL COSTS:</b> Average Diesel Fuel Cost - \$/BBL Land Transportation Cost - \$/BBL	KEAHOLE 76.1896 3.5856	PUNA CT-3 76.1896 1.3623	HILO 76.1896 1.0211	
Diesel Costs For Filing - \$/BBL Conversion Factors - mmbtu/BBL	79.7752 5.86	77.5520 5.86	77.2107 5.86	
Diesel Costs For Filing - ¢/mmbtu	1,361.35	1,323.41	1,317.59	
				DISPERSED
<b>ULSD FUEL COSTS:</b> Average ULSD Fuel Cost - \$/BBL Land Transportation Cost - \$/BBL	KEAHOLE 72.5551 3.5594	WAIMEA 72.5551 2.6851	HILO 72.5551 0.9857	GENERATION 72.5551
ULSD Costs For Filing - \$/BBL Conversion Factors - mmbtu/BBL	76.1145 5.73	75.2402 5.73	73.5408 5.73	72.5551 5.73
ULSD Costs For Filing - ¢/mmbtu	1,328.35	1,313.09	1,283.43	1,266.23
Dispersed Generation, cents per kWh	COMPOSITE COST <u>OF DISP. GEN.</u>			

0.0000 72.5551 0.00 0

BBIs Fuel:	0.0
\$/BBI Inv Cost:	72.
Fuel \$ (Prod Sim Consumption x Unit Cost)	
Net kWh (from Prod Sim)	
cents/kWh:	#DIV/0!

	SHIPMAN	INDUSTRIAL	HILL INDU	STRIAL			
					COST PER BAR	REL	
	BBL	COST	BBL	COST	EXCL LT	LT Total	
Balance at 02/28/2021	0	0.00	43,893	2,716,008.69			
Less: Est'd Inventory Addn			0	0.00			
Purchases: Estimate	xxxxxx xx	****	xxxxxxx x				
Actual	XXXXXX XX	*****	XXXXXXXX X	****			
Transfers out: Estimate	XXXXXX XX	****	xxxxxxx x	****			
Actual	XXXXXX XX	*****	xxxxxxx x	****			
Transfers in: Estimate	0	0.00	(32,532)	(2,017,996.03)			
Actual	0	0.00	24,923	1,570,965.76			
Consumed: Estimate	0	0.00	25,177	1,473,478.02			
Actual	0	0.00	(23,014)	(1,346,888.96)			
Balance Per G/L 02/28/2021	0	0.00	38,447	2,395,567.48			
Purchases	XXXXXX XX	xxxxxxxxxxxx	******				
Transfer out	xxxxxx xx	xxxxxxxxxxxx	xxxxxxx x	****			
Transfer in	0	0.00	20,358	1,367,746.52			
Consumed	0	0.00	(23,253)	(1,456,236.85)	106.5901	0.0000	106.5901
Balance @ 03/31/2021	0	0.00	35,552	2,307,077.16			
Inv From Offsite/Transfers	0	0.00	0	0.00			
Est'd Inventory Addition	0	0.00	0	0.00			
Fuel Balance @ 03/31/2021	0	0.00	35,552	2,307,077.16			
Reverse Fuel Balance	xxxxxx	0.00	xxxxxxxx	(2,307,077.16)			
Fuel Bal @ Avg Price	xxxxxx	0.00	xxxxxxxx	2,381,931.19			
Total @ 04/01/2021 Avg Price	0	0.00	35,552	2,381,931.19			
Weighted Avg Cost/BBL by Location		#DIV/0!		64.8930			
Weighted Avg Cost/BBL @ Avg Cost		#DIV/0!		66.9985			

#### HAWAII ELECTRIC LIGHT CO., INC. Estimated Weighted Average March 2021

	PUNA INDUST	RIAL				
			LAND	COST PER BA	RREL	
	BBL	COST	TRANSP	EXCLUDE LT	LT	TOTAL
Balance at 02/28/2021	11,698	709,689.78	15,784.95			
Less: Est'd Inventory Addition	0	0.00	0.00			
Purchases: Estimate	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	****	****			
Actual	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	*****	*****			
Transfers out: Estimate	xxxxxxxx x	****	****			
Actual	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	*****	*****			
Transfers in: Estimate	(8,012)	(485,886.41)				
Actual	6,519	423,995.35	8,532.42			
Consumed: Estimate	5,231	306,143.05	6,618.46			
Actual	(7,546)	(441,627.88)	(9,097.70)			
Balance Per G/L 02/28/2021	7,890	512,313.89	11,299.87			
Purchases	xxxxxxxx x	****	*****			
Transfer out	xxxxxxxx x	****	*****			
Transfer in	8,779	571,096	11,547.11			
Consumed	(10,587)	(663,018.94)	(14,285.80)	62.6258	1.3494	63.9751
Balance @ 03/31/2021	6,082	420,390.82	8,561.18			
Inventory From Offsite/Transfers	0	0.00	0.00			
Est'd Inventory Addition	0	0.00	0.00			
Fuel Bal @ Avg Price	6,082	420,390.82	8,561.18		1.4076	
Reverse Fuel Balance	xxxxxxxxxxx	(420.390.82)	****			
Fuel Balance @ Avg Price	*****		****			
Total @ 04/01/2021 Avg Price	6,082	407,484.97	8,561.18	-		
Weighted Avg Cost/BBL by Location		69.1205	1.4076			
Weighted Avg Cost/BBL @ Avg Cost		66.9985	1.4076			

		<b>KEAHOLE DIESEL</b>					
			COST	LAND	COST PER B	ARREL	
HS Diesel	BBL	GALLONS	EXCLUDE LT	TRANSP	EXCLUD LT	LT	TOTAL
Balance at 02/28/2021	50,312.3	2,113,116.0	3,418,747.4	127,246.8			
Less: Est'd Inventory Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate	(6,239.7)	(262,066.0)	(469,805.1)	(19,497.7)			
Actual	6,239.7	262,066.0	469,805.2	0.0			
Transfers out: Estimate Actual				xxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxx			
Transfers in: Estimate	(41,027.4)	(1,723,149.0)	(2,856,717.4)	(128,202.3)			
Actual	41,084.4	1,725,543.0	2,916,390.2	148,873.21			
Consumed: Estimate	49,233.3	2,067,797.0	3,235,847.1	144,178.72			
Actual	(47,357.3)	(1,989,006.0)	(3,174,189.8)	(112,174.9)	67.0264		
Balance Per G/L 02/28/2021	52,245.3	2,194,301	3,540,077.69	160,423.82	67.7588		
Purchases	****	****	****	****			
Transfer out	****	****	****	****			
Transfer in	47,606.2	1,999,461.0	3,676,411.4	148,759.9	77.2255		
Consumed	(46,233.0)	(1,941,788.0)	(3,152,824.0)	(116,929.80)	68.1942	2.5291	70.7233
Balance @ 03/31/2021	53,618.4	2,251,974	4,063,665.10	192,253.92	75.7886		
Inventory From Offsite/Transfers	0.0	0.0	0.0	0.00			
Est'd Inventory Addition	0.0	0	0.0	0.00			
Fuel Balance @ Avg Price	53,618.4	2,251,974	4,063,665.10	192,253.92	75.7886		
Reverse Fuel Balance	****	****	(4,063,665.1)	****			
Fuel Balance @ Avg Price	****	*****	4,085,167.0	****			
Total @ 04/01/2021 Avg Price	53,618.4	2,251,974	4,085,166.96	192,253.92	76.1896		
Weighted Avg Cost/BBL by Location			75.7886	3.5856			
Weighted Avg Cost/BBL @ Avg Cost			76.1896	3.5856			

	Р	UNA CT-3					
			COST	LAND	COST PER		
HS Diesel	BBL	GALLONS	EXCLUD LT	TRANSP	EXCL LT	LT	TOTAL
Balance at 02/28/2021	4,489.5	188,561.0	313,571.5	5,785.3			
Less: Est'd Inven Addition	0.0	0.0	0.0	0.0			
Purchases: Estimate Actual		xxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxx					
Transfers out: Estimate	x	****	****	****			
Actual	X	*****	*****	XXXXXXXXXXXXX			
Transfers in: Estimate	(3,606.2)	(151,461.0)	(268,774.8)	(4,392.4)			
Actual	3,232.4	135,759.0	252,946.5	4,188.5			
Consumed: Estimate	4,760.0	199,920.0	312,850.1	6,126.1			
Actual	(3,369.4)	(141,514.0)	(243,119.2)	(4,172.6)			
Balance Per G/L 02/28/2021	5,506.3	231,265	367,474.22	7,535.03			
Purchases	****	****	****	****			
Transfer out	xxxxxxxx x	****	****	****			
Transfer in	2,602.5	109,303.0	208,884.0	3,169.8	80.2643		
Consumed	(4,641.0)	(194,921)	(316,487.49)	(5,980.48)	68.1942	1.2886	69.4828
Balance @ 03/31/2021	3,467.8	145,647	259,870.77	4,724.34	74.9385		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ 03/31/2021	3,467.8	145,647	259,870.77	4,724.34	74.9385		
Reverse Fuel Balance	xxxxxxx x x	xxxxxxxxxxx	(259.870.77)	xxxxxxxxxxx			
Fuel Balance @ Avg Price		xxxxxxxxxxxxxx		xxxxxxxxxxxx			
Total @ 04/01/2021 Avg Price	3,467.8	145,647	264,209.23	4,724.34	76.1896		
Weighted Avg Cost/BBL by Location			74.9385	1.3623			
Weighted Avg Cost/BBL @ Avg Cost			76.1896	1.3623			

		TOTAL HILO	HS-DIESEL				
			COST	LAND	COST PER	BARREL	
HS Diesel	BBL	GALLONS	EXCLUDE LT	TRANSP	EXCL LT	LT	TOTAL
Balance at 02/28/2021	1540.3	64,694	97,366	1,522			
Less: Est'd Inven Addition	0.0	0	0	0			
Purchases: Estimate Actual			xxxxxxxxxxx xxxxxxxxxx				
Transfers out: Estimate Actual			xxxxxxxxxx xxxxxxxxxx				
Transfers in: Estimate Actual	0.0 0.0						
Consumed: Estimate Actual	107.6 -70.9						
Balance Per G/L 02/28/2021	1577.1	66,237	105,248.91	1,569.56	66.7369		
Purchases	****	****	****	****			
Transfer out	****	****	****	****			
Transfer in	558.6	23460.0	44790.3	600.6	80.5802		
Consumed	-319.8	-13431.0	-21807.5	-316.0	68.1942	0.9882	69.1824
Balance @ 03/31/2021	1,815.9	76,266	128,231.65	1,854.12	70.6177		
Inven From Offsite/Transfers	0.0	0.0	0.0	0.0			
Est'd Inventory Addition	0.0	0.0	0.0	0.0			
Fuel Balance @ Avg Price	1,815.9	76,266	128,231.65	1,854.12	70.6177		
Reverse Fuel Balance Fuel Balance @ Avg Price		xxxxxxxxxx xxxxxxxxxx		xxxxxxxxxxx xxxxxxxxxxx			
Total @ 04/01/2021 Avg Price	1,815.9	76,266	138,349.44	1,854.12	76.1896		
Weighted Avg Cost/BBL by Location			70.6177	1.0211			
Weighted Avg Cost/BBL @ Avg Cost			76.1896	1.0211			

# HAWAII ELECTRIC LIGHT CO., INC. Estimated Weighted Average March 2021

		KEAHOLE ULS					
			COST	LAND	COST PER BARREL		
ULSD	BBL	GALLONS	EXCLUDE LT	TRANSP	EXCLUD LT	LT	TOTAL
Balance at 02/28/2021	2,314.5	97,211	167,837.13	6,053.03			
Less: Est'd Inventory Addition	0.0						
Purchases: Estimate	(379.0)	(15,916)	(28,489.64)	(1,184.15)			
Actual	189.0	7,936	14,226.85	0.00			
Transfers out: Estimate		xxxxxxxxxxxx	****	xxxxxxxxxxx			
Actual		XXXXXXXXXXXXXXXXX	*****	*****			
Transfers in: Estimate		(162)	0.00	(12.05)			
Actual		67	0.00	590.44			
Consumed: Estimate	183.5	7,705	13,134.10	356.46			
Actual	(144.2)	(6,056)	(10,323.18)	1,733.69	71.5940		
Balance Per G/L 02/28/2021	2,161.5	90,785	156,385.26	7,537.42	72.3487		
Purchases	0.0	0	0.00	0.00	0.0000		
Estimated Purchases	190.0	7,980	14,284.20	593.71			
Transfer in	2.5	103	0.00	7.66	0.00		
Consumed	(254.2)	(10,677)	(18,364.93)	(664.82)	72.2419	2.6152	74.8571
Balance @ 03/31/2021	2,099.8	88,191	152,304.53	7,473.97	72.5334		
Inventory From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ Avg Price	2,099.8	88,191	152,304.53	7,473.97	72.5334		
Reverse Fuel Balance	XXXXXXXXXXX	****	(152,304.53)	****			
Fuel Balance @ Avg Price		*****		*****			
Total @ 04/01/2021 Avg Price	2,099.8	88,191	152,350.13	7,473.97	72.5551		
Weighted Avg Cost/BBL by Location			72.5334	3.5594			
Weighted Avg Cost/BBL @ Avg Cost			72.5551	3.5594			

		WAIMEA DIES	EL				
			COST	LAND	COST PER BARRE	L	
ULSD	BBL	GALLONS	EXCLUDE LT	TRANSP		LT	TOTAL
Balance at 02/28/2021	790.5	33,200.0	57,402.9	2,084.12			
Less: Est'd Inven Addition	0.0	0.0	0.00	0.00			
Purchases: Estimate		(7,980)					
Actual		7,937.0	14,228.6	0.00			
Transfers out: Estimate		****	*****	****			
Actual		*****	*****	XXXXXXXXXXXXX			
Transfers in: Estimate	(3.4)	(143)	0.00	0.00			
Actual	3.3	140	0.00	492.09			
Consumed: Estimate	154.7	6,496	11,073.22	403.66			
Actual	(113.5)	(4,766)	(8,124.22)	(272.97)			
Balance Per G/L 02/28/2021	830.6	34,884	60,296.33	2,212.14	72.5962		
ULSD Purchases	0.0	0	0.00	0.00	#DIV/0!		
Estimated Purchases	-	0	0.00	0.00			
Transfer in	****	(154)	0.00	0.00	#DIV/0!		
Consumed	(168.1)	(7,060)	(12,143.53)	(443.19)	72.2419	2.6365	74.8785
Balance @ 03/31/2021	658.8	27,670	48,152.80	1,768.95	73.0906		
Inven From Offsite/Transfers	0.0	0	0.00	0.00			
Est'd Inventory Addition	0.0	0	0.00	0.00			
Fuel Balance @ Avg Price	658.8	27,670	48,152.80	1,768.95	73.0906		
Reverse Fuel Balance	xxxxxxxxxxx	xxxxxxxxxxxx	(48,152.80)	xxxxxxxxxx			
Fuel Balance @ Avg Price	<u>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</u>	*****		****			
Total @ 04/01/2021 Avg Price	658.8	27,670	47,799.98	1,768.95	72.5551		
Weighted Avg Cost/BBL by Location			73.0906	2.6851			
Weighted Avg Cost/BBL @ Avg Cost			72.5551	2.6851			

HAWAII ELECTRIC LIGHT CO., INC. Estimated Weighted Average March 2021

	ł	KANOELEHUA	DIESEL		_	
			COST	LAND		
ULSD	BBL	GALLONS	EXCLUDE LT	TRANSP		
Balance at 02/28/2021	1,200.4	50,416.0	87,238.8	1,166.0	l	
Less: Est'd Inventory Addition	0.0	0	0.00	0.00		
Purchases: Estimate	(189.0)	(7,938)	(14,230.43)	(203.21)		
Actual	189.0	7,938	14,230.43	0.00		
Transfers out: Estimate		x	х	x		
Actual		x	х	х		
Transfers in: Estimate		22	0.00	0.56		
Actual		(22)	0.00	203.21		
Consumed: Estimate	124.0	5,210	8,881.07	142.97		
Actual	(79.7)	(3,349)	(5,708.77)	(82.32)		
Balance Per G/L 02/28/2021	1,244.7	52,277	90,411.13	1,227.19		
ULSD Purchases	0	0	0.00	0.00	#DIV/0!	
Estimated Purchases	0	-	-	-		
Transfer in	(15)	(609)	0.00	(15.59)		
Consumed	(71.0)	(2,981)	(5,127.46)	(68.94)	72.24193728	0.9713
Balance @ 03/31/2021	1,159.2	48,687	85,283.67	1,142.66		
Inventory From Offsite/Transfers	0.0	0	0.00	0.00		
Est'd Inventory Addition	0.0	0	0.00	0.00		
Fuel Balance @ Avg Price	1,159.2	48,687	85,283.67	1,142.66		
Reverse Fuel Balance	х	x	(85,283.67)	x		
Fuel Balance @ Avg Price	х	x		x		
Total @ 04/01/2021 Avg Price	1,159.2	48,687	84,106.89	1,142.66	J	
Weighted Avg Cost/BBL by Location			73.5702	0.9857		
Weighted Avg Cost/BBL @ Avg Cost			72.5551	0.9857		

#### HAWAII ELECTRIC LIGHT CO., INC. Estimated Weighted Average March 2021

#### **DISPERSED GENERATION**

F

	BBL	GALLONS	COST	COST/BBL
Balance at 02/28/2021	129.5	5,437	7,903.83	
Less: Est'd Inven Addition	0.0	xxxxxxxx	***	
Purchases: Estimate Actual	0.0 0.0	0 0	0.00 0.00	
Consumed: Estimate Actual	11.2 (11.1)	-	801.17 (797.76)	
		xxxxxxxxxxx xxxxxxxxxx		
		xxxxxxxxxxx xxxxxxxxxx		
Balance Per G/L 02/28/2021	129.50	5,439	7,907.24	61.0598
Purchases	0.0	0	0.00	0.0000
Transfer out	****	****	xxxxxxxxxx	
Transfer in	****	****	xxxxxxxxxx	
Consumed	(14.8)	(622)	(1,069.87)	72.2419
Balance @ 03/31/2021	114.7	4,817	6,837.37	59.6159
Est'd Inventory Addition	0.0	0	0.00	
Fuel Balance @ 03/31/2021	114.7	4,817	6,837.37	
Reverse Fuel Balance Fuel Balance @ Avg Price		xxxxxxxxxxxx xxxxxxxxxxx	(6,837.37) xxxx 8,321.38 xxxx	
Total @ 04/01/2021 Avg Price	114.7	4,817	8,321.38	72.5551

### Hawaii Electric Light Company, Inc. PURCHASED POWER PRICES FOR April 1, 2021

		April 1, 2021 (¢/kWh)	Floor Rates (¢/kWh)
PGV (25 MW) PGV (22 MW)	- on peak - off peak	13.162 12.717	6.560 5.430
WAILUKU HYDRO	- on peak off peak	13.162 12.717	7.240 5.970
Other: (<100 KW)	Sch Q Rate	12.570	
		April 1, 2021	Floor Rates
		(¢/kWh)	(¢/kWh)
HEP		(¢/KVVII) 14.894	(¢/kWh)
HEP PGV Addtl 5 MW	- on peak - off peak		(¢/kWh) 0.0000 0.0000

### Hawaii Electric Light Company, Inc. Energy Cost Reconciliation Adjustment April 1, 2021

Line No.	Description	Amount
1	Amount to be (returned) or collected	(\$374,300)
2	Monthly Amount $(^{1}/_{3} \times \text{Line 1})$	(\$124,767)
3	Revenue Tax Divisor	0.91115
4	Total (Line 2 / Line 3)	(\$136,933)
5	Estimated MWh Sales (April 1, 2021)	77,738 mwh
6	Adjustment (Line 4 / Line 5)	(0.176) ¢/kwh

2020 Cumulative Reconciliation Balance

	(1)		(2) FOA Rec	(3) FOA Rec	(4)	(5)	(6) Month-end
	YTD FOA		Adjust	Less	Try to	Actual	Cumulative
<u>Month</u>	Reconciliation	<u>Qtr</u>	<u>Variance</u>	<u>Variance</u>	<u>Collect</u>	<u>Collect</u>	<u>Balance</u>
January 20					(642,633)	(673,144)	(5,060)
February	141,300	[4]	(9,952)	151,252	(47,100)	(45,511)	100,681
March			. ,		(47,100)	(46,650)	54,031
April					(47,100)	(40,115)	13,916
May	2,567,100	(1)	(28,472)	2,595,572	(855,700)	(882,167)	1,727,321
June					(855,700)	(879,772)	847,549
July					(855,700)	(862,349)	(14,800)
August	(359,300)	[2]	(43,554)	(315,746)	119,767	114,005	(216,541)
September					119,767	115,511	(101,030)
October					119,767	117,423	16,393
November	784,000	[3]	(16,667)	800,667	(261,333)	(266,872)	550,188
December					(261,333)	(262,859)	287,329
January 21					(261,333)	(275,071)	12,258
February 21	374,300	[4]	(9,409)	383,709	(124,767)	(125,584)	270,383
March					(124,767)		
April					(124,767)		
NOTES:							

Col(1): Quarterly FOA reconciliation amounts. (Refer to Attachment 6)

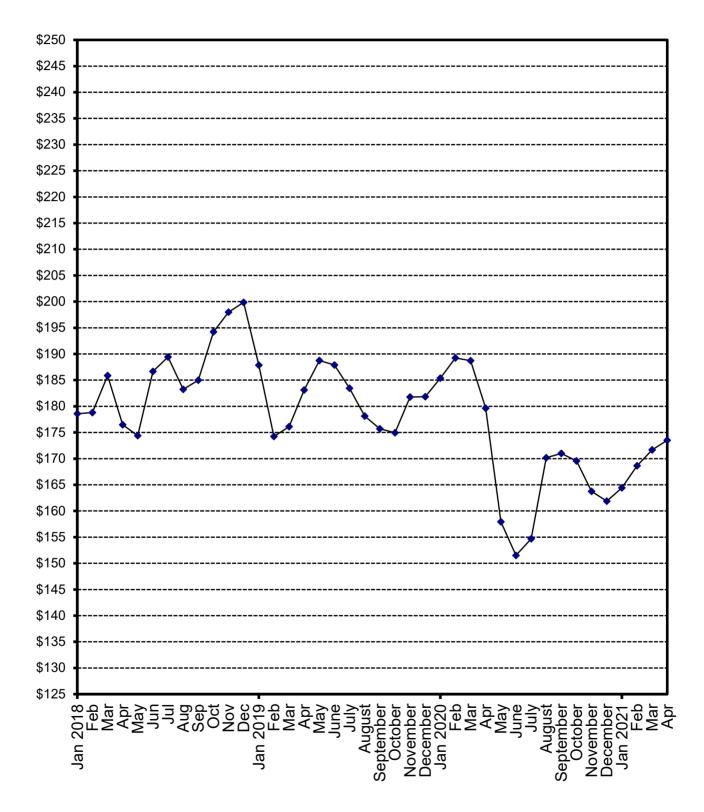
A positive number is an over-collection. A negative number is an under-collection.

Col(2): FOA reconciliation adjustment variance accumulated during the last three months, starting with the fourth prior month; the difference between the estimated recorded sales used to derive the \$/kwh adjustment and the actual recorded sales. (Col(5)-Col(4))

Col(3): FOA reconciliation generated in the current quarter. The YTD FOA reconciliation difference minus the adjustment variance. Col(1)-Col(2)

- Col(4): Amount that the FOA reconciliation adjustment is trying to collect. (Col(1) \* 1/3)
- Col(5): Actual collected amount. (recorded sales \* \$/kwh adjustment/1.09751)
- Col(6): Cumulative balance of the FOA reconciliation (Previous balance + Col(3) + Col(5))

### Hawaii Electric Light Company, Inc. Residential Bill at 500 KWH/Month Consumption



#### HAWAII ELECTRIC LIGHT COMPANY, INC. FUEL OIL ADJUSTMENT FACTOR DATA

EFFECTIVE DATE	FUEL FACTOR CENTS / KWH RESIDENTIAL 8 <u>COMMERCIAL</u>		
January 1, 2018 February 1, 2018 March 1, 2018 April 1, 2018 June 1, 2018 July 1, 2018 August 1, 2018 September 1, 2018 October 1, 2018 November 1, 2018	-0.723 -0.579 0.816 -0.912 -0.452 2.301 2.831 1.665 2.027 8.359 8.913 9.292	178.59 178.81 185.87 176.46 174.38 186.65 189.43 183.25 184.98 194.21 197.99 199.86	213.95 214.22 222.68 211.39 208.90 223.63 226.97 219.55 221.62 232.50 237.04 239.29
January 1, 2019 February 1, 2019 March 1, 2019 April 1, 2019 May 1, 2019 June 1, 2019 July 1, 2019 August 1, 2019 September 1, 2019 November 1, 2019 December 1, 2019	6.867 14.631 14.976 16.469 17.396 17.318 16.450 15.331 14.845 14.692 16.302 16.288	187.86 174.25 176.1 183.12 188.74 187.89 183.46 178.14 175.70 174.93 181.76 181.82	224.86 208.53 210.75 219.17 225.93 224.90 219.63 213.25 210.32 209.40 217.59 217.67
January 1, 2020 February 1, 2020 March 1, 2020 April 1, 2020 May 1, 2020 June 1, 2020 July 1, 2020 August 1, 2020 September 1, 2020 November 1, 2020 December 1, 2020	16.768 17.547 17.424 15.644 11.215 10.575 11.359 14.389 14.569 14.274 13.426 13.032	185.37 189.22 188.72 179.61 157.94 151.51 154.68 170.16 171.01 169.56 163.74 161.87	221.88 226.49 225.90 214.96 188.96 181.25 185.07 203.65 204.67 202.93 195.96 193.70
January 1, 2021 February 1, 2021 March 1, 2021 April 1, 2021	13.543 14.523 15.091 15.486	164.41 168.63 171.67 173.51	196.74 201.81 205.45 207.68

#### HAWAII ELECTRIC LIGHT COMPANY, INC. RESIDENTIAL SURCHARGE DATA

EFFECTIVE DATE	DESCRIPTION OF SURCHARGE	RATE
1/1/2020-10/31/2020	INTERIM RATE ADJUSTMENT 2019	4.0900 PERCENT ON BASE
1/1/2020-6/30/2020	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.7437 CENTS/KWH
2/1/2020- 2/29/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7631 CENTS/KWH
3/1/2020- 3/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7883 CENTS/KWH
4/1/2020- 4/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.7717 CENTS/KWH
4/1/2020- 4/30/2020	SOLARSAVER ADJUSTMENT	-0.0267 CENTS/KWH
05/01/2020-5/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8396 CENTS/KWH
5/1/2020 -3/31/2021	SOLARSAVER ADJUSTMENT	0.0000 CENTS/KWH
06/01/2020-6/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8413 CENTS/KWH
6/1/2020	RBA RATE ADJUSTMENT	-0.4623 CENTS/KWH
07/01/2020-7/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.8592 CENTS/KWH
7/1/2020	RESIDENTIAL PBF SURCHARGE ADJUSTMENT	0.5882 CENTS/KWH
7/1/2020	GREEN INFRASTRUCTURE FEE	1.19 DOLLARS/MONTH
8/1/2020-8/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9261 CENTS/KWH
9/1/2020-9/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9161 CENTS/KWH
10/1/2020-10/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9222 CENTS/KWH
11/1/2020-11/30/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9106 CENTS/KWH
11/1/2020	Final Rates (TY2019), Docket No. 2018-0368, Order No.	37395
12/1/2020-12/31/2020	PURCHASED POWER ADJUSTMENT CLAUSE	1.9291 CENTS/KWH
1/1/2021-1/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.9133 CENTS/KWH
1/1/2021	GREEN INFRASTRUCTURE FEE	1.25 DOLLARS/MONTH
2/1/2021-2/28/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.7782 CENTS/KWH
3/1/2021-3/31/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.8172 CENTS/KWH
4/1/2021-4/30/2021	PURCHASED POWER ADJUSTMENT CLAUSE	1.7966 CENTS/KWH
4/1/2021-4/30/2021	SOLARSAVER ADJUSTMENT	-0.0033 CENTS/KWH

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

	Rate			Charge (\$) at 500 K		00 Kwh
		3/01/21	4/01/21	3/01/21	4/01/21	Difference
Base Rates	effective date:	11/01/2020	11/01/2020			
Base Fuel Energy Charge	¢/kwh	-	-	\$0	.00 \$0.0	0 \$0.00
Non-Fuel Energy Charge	¢/kwh			\$73	.74 \$73.7	4 \$0.00
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40	.22 \$40.2	2 \$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$33	.52 \$33.5	2 \$0.00
Customer Charge	\$	11.50	11.50	\$11	.50 \$11.5	0 \$0.00
Total Base Charges				\$85	.24 \$85.2	4 \$0.00
-						
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0	.00 \$0.0	0.00
RBA Rate Adjustment	¢/kwh	(0.4623)	(0.4623)	-\$2	.31 -\$2.3	1 \$0.00
Purchased Power Adj. Clause	¢/kwh	1.8172	1.7966	\$9	.09 \$8.9	8 -\$0.11
PBF Surcharge	¢/kwh	0.5882	0.5882	\$2	.94 \$2.9	4 \$0.00
DSM Adjustment	¢/kwh	0.0000	0.0000	\$0	.00 \$0.0	0.00
SolarSaver Adjustment	¢/kwh	0.0000	(0.0033)	\$0	.00 -\$0.0	2 -\$0.02
Energy Cost Recovery	¢/kwh	15.0910	15.4860	\$75	.46 \$77.4	3 \$1.97
Green Infrastructure Fee	\$	1.25	1.25	\$1	.25 \$1.2	5 \$0.00

#### Calculations of the Average Residential Customer Bill

Avg Residential Bill at 500 kwh

Increase (Decrease -) % Change % Change

\$173.51

\$171.67

\$1.84 1.07%

	Rate			Char	ge(\$) at 600	) Kwh
		3/01/21	4/01/21	3/01/21	4/01/21	Difference
Base Rates	effective date:	11/01/2020	11/01/2020			
Base Fuel/Energy Charge	¢/kwh	-	-	\$0.00	\$0.00	\$0.00
Non-Fuel Energy Charge	¢/kwh			\$90.49	\$90.49	\$0.00
First 300 kWh per month	¢/kwh	13.4059	13.4059	\$40.22	\$40.22	\$0.00
Next 700 kWh per month	¢/kwh	16.7577	16.7577	\$50.27	\$50.27	\$0.00
Customer Charge	\$	11.50	11.50	\$11.50	\$11.50	\$0.00
Total Base Charges				\$101.99	\$101.99	\$0.00
Interim Rate Adjustment 2019 TY	% on base	0.0000%	0.0000%	\$0.00	\$0.00	\$0.00
RBA Rate Adjustment	¢/kwh	(0.4623)	(0.4623)	-\$2.77	-\$2.77	\$0.00
Purchased Power Adj. Clause	¢/kwh	1.8172	1.7966	\$10.90	\$10.78	-\$0.12
PBF Surcharge	¢/kwh	0.5882	0.5882	\$3.53	\$3.53	\$0.00
DSM Adjustment	¢/kwh	0.0000	0.0000	\$0.00	\$0.00	\$0.00
SolarSaver Adjustment	¢/kwh	0.0000	(0.0033)	\$0.00	-\$0.02	-\$0.02
Energy Cost Recovery	¢/kwh	15.0910	15.4860	\$90.55	\$92.92	\$2.37
Green Infrastructure Fee	\$	1.25	1.25	\$1.25	5 \$1.25	\$0.00
Avg Residential Bill at 600 kwh				\$205.45	\$207.68	

Increase (Decrease -) % Change

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