

**WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE DECEMBER 2021**

**10/14/21-11-12/21**

|        |                               |                     |                |               |
|--------|-------------------------------|---------------------|----------------|---------------|
| HELCO: | WAIK DEEP WELL #1 PUMP (DW-1) | 93,738.84           | 300000         | 0.3125        |
|        | WAIK WTR WELL #1 PH 1         | 237.88              | 524            | 0.4540        |
|        | WAIK DEEP WELL #2 PUMP (DW-2) | 21,631.76           | 55,200         | 0.3919        |
|        | WAIK WELL SITE #2/PH 1        | 140.93              | 272            | 0.5181        |
|        | WAIK DEEP WELL #3 PUMP (DW-3) | 11,383.32           | 33,300         | 0.3418        |
|        | WAIK WELL SITE #3/PH 1 P7X    | 51.30               | 19             | 2.7000        |
|        | WAIK DEEP WELL #4 PUMP (DW-4) | 14,138.25           | 33,000         | 0.4284        |
|        | WAIK DEEP WELL #5 PUMP (DW-5) | 4,074.43            | 0              | -             |
|        | WAIK DEEP WELL #6 PUMP (DW-6) | 51,352.51           | 153,000        | 0.3356        |
|        | WAIK WELL SITE #6/AUXILIARY   | 219.81              | 477            | 0.4608        |
|        | WAIK DEEP WELL #7 PUMP (DW-7) | 76,572.36           | 243,300        | 0.3147        |
|        | WAIK WELL SITE #7/PH 1        | 106.70              | 183            | 0.5831        |
|        | WAIK WELL #8 CNTRL BLDG/PH 1  | 436.01              | 1039           | 0.4196        |
|        | WAIK WELL #8 CNTRL BLDG/PH 3  | 46,277.73           | 132000         | 0.3506        |
|        | <b>SUBTOTAL</b>               | <b>\$320,361.83</b> | <b>952,314</b> | <b>0.3364</b> |

ENERGY RESOURCES - WIND

|                    |                     |                |               |
|--------------------|---------------------|----------------|---------------|
| <b>GRAND TOTAL</b> | <b>\$320,361.83</b> | <b>952,314</b> | <b>0.3364</b> |
|--------------------|---------------------|----------------|---------------|

POWER COST CALCULATIONS:

|                                      |              |
|--------------------------------------|--------------|
| TOTAL DOLLARS:                       | \$320,361.83 |
| TOTAL KWH                            | 952,314      |
| UNIT PRICE FOR ELECTRICITY [\$/ kWh] | \$ 0.3364    |

**WHUC CALCULATIONS:**

|         |   |
|---------|---|
| 0.3364  | UNIT PRICE FOR ELECTRICITY [\$/ kWh]  |
| x       |   |
| 5.6300  | Pump Efficiency Factor [kWh / TG]   |
| x       |   |
| 1.06385 | PSC/PUC fee = <span style="background-color: yellow; padding: 2px;">2.0149</span> POWER COST CHARGE PER TG (WHUC) |

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =

Previous Month's electrical cost per kwh x pump efficiency factor (kWh / 100 gallons) x 1.06385 (Public Service Company Tax and PUC Fee)

**WEST HAWAII UTILITY COMPANY-SEWER  
POWER COST CHARGE CALCULATION  
EFFECTIVE DECEMBER 2021**

HELCO BILLING PERIOD:

10/09/21-11/09/21

|                 |             |
|-----------------|-------------|
| Anaehoomalu STP | 30,723.04   |
| SPS #1          | 3,847.91    |
| SPS#2           | 875.79      |
| SPS#3           | 707.29      |
| <br>            |             |
| GRAND TOTAL     | \$36,154.03 |

POWER COST CALCULATIONS:

|  |             |
|--|-------------|
| PREVIOUS MONTH TOTAL DOLLARS:                | \$36,154.03 |
| PREVIOUS MONTH TOTAL METERED TG              | 77,644      |
| UNIT PRICE FOR METERED WATER SALES (\$ / TG) | \$ 0.4656   |

**WHUC CALCULATIONS:**

|         |             |  |
|---------|-------------|--|
| 0.4656  |             | UNIT PRICE FOR METERED WATER SALES (\$ / TG)   |
| x       |             |  |
| 1.06385 | PSC/PUC fee | = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.4954</span> |

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =  
 Previous Month's Electric Cost / Divided by Previous Month's Total Metered TG of  
 Water to the Company's Customers x 1.06385 (Public Service Company Tax and PUC Fee)

**POWER COST CHARGE  
PER TG (WHUC)**

**WEST HAWAII UTILITY COMPANY - IRRIGATION  
POWER COST CHARGE CALCULATION  
EFFECTIVE DECEMBER 2021**

HELCO BILLING PERIOD:

10/09/21-11/09/21

|                        |                 |            |            |
|------------------------|-----------------|------------|------------|
| Irrigation Wells 1,2,3 | 10,775.60       | 32,600     | 0.3305     |
| Nursery Well           | 3,246.42        | 9,038      | 0.3592     |
| 51' Well               | 1,986.19        | 5,000      | 0.3972     |
| <br>SUBTOTAL           | <br>\$16,008.21 | <br>46,638 | <br>0.3432 |

ENERGY RESOURCES - WIND

|                 |                 |            |            |
|-----------------|-----------------|------------|------------|
| <br>GRAND TOTAL | <br>\$16,008.21 | <br>46,638 | <br>0.3432 |
|-----------------|-----------------|------------|------------|

POWER COST CALCULATIONS:

|                                       |             |  |  |
|---------------------------------------|-------------|--|--|
| TOTAL DOLLARS:                        | \$16,008.21 |  |  |
| TOTAL KWH                             | 46,638      |  |  |
| UNIT PRICE FOR ELECTRICITY [\$ / kWh] | \$ 0.3432   |  |  |

WHUC CALCULATIONS:

|         |  |  |
|---------|--|--|
| 0.3432  |  | UNIT PRICE FOR ELECTRICITY [\$ / kWh]  |
| x       |  |  |
| 0.5337  |  | Pump Efficiency Factor [kWh / TG]  |
| x       |  |  |
| 1.06385 |  | (PSC/PUC fee) = <span style="background-color: yellow; border: 1px solid black; padding: 2px;">0.1949</span> |

Formula used to calculate PCC

Electric Power Cost Per Thousand Gallons =

Previous Month's electrical cost per kwh x pump efficiency factor (kWh / 100 gallons) x 1.06385 (Public Service Company Tax and PUC Fee)

**POWER COST  
CHARGE PER TG  
(WHUC)**