

**WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: SEPTEMBER 2023**

07/13/23 - 08/10/23

| | | | | |
|--------|-------------------------------|---------------------|------------------|---------------|
| HELCO: | WAIK DEEP WELL #1 PUMP (DW-1) | 99,667.58 | 288800 | 0.3451 |
| | WAIK WTR WELL #1 PH 1 | 252.24 | 503 | 0.5015 |
| | WAIK DEEP WELL #2 PUMP (DW-2) | 42,743.81 | 110,400 | 0.3872 |
| | WAIK WELL SITE #2/PH 1 | 95.41 | 133 | 0.7174 |
| | WAIK DEEP WELL #3 PUMP (DW-3) | 64,867.99 | 177,000 | 0.3665 |
| | WAIK WELL SITE #3/PH 1 P7X | 55.19 | 28 | 1.9711 |
| | WAIK DEEP WELL #4 PUMP (DW-4) | 48,411.19 | 136,200 | 0.3554 |
| | WAIK DEEP WELL #5 PUMP (DW-5) | 4,270.66 | 200 | 21.3533 |
| | WAIK DEEP WELL #6 PUMP (DW-6) | 4,288.08 | 0 | - |
| | WAIK WELL SITE #6/AUXILIARY | 211.97 | 408 | 0.5195 |
| | WAIK DEEP WELL #7 PUMP (DW-7) | 27,569.17 | 52,500 | 0.5251 |
| | WAIK WELL SITE #7/PH 1 | 163.67 | 294 | 0.5567 |
| | WAIK WELL #8 CNTRL BLDG/PH 1 | 1,049.97 | 2385 | 0.4402 |
| | WAIK WELL #8 CNTRL BLDG/PH 3 | 79,447.65 | 231900 | 0.3426 |
| | SUBTOTAL | \$373,094.58 | 1,000,751 | 0.3728 |

ENERGY RESOURCES - WIND

| | | | |
|--------------------|---------------------|------------------|---------------|
| GRAND TOTAL | \$373,094.58 | 1,000,751 | 0.3728 |
|--------------------|---------------------|------------------|---------------|

POWER COST CALCULATIONS:

| | |
|---------------------------------------|--------------|
| TOTAL DOLLARS: | \$373,094.58 |
| TOTAL KWH | 1,000,751 |
| UNIT PRICE FOR ELECTRICITY [\$ / kWh] | \$ 0.3728 |

WHUC CALCULATIONS:

| | | |
|---------|---------------------------------------|--|
| 0.3728 | UNIT PRICE FOR ELECTRICITY [\$ / kWh] | |
| x | | |
| 5.6300 | Pump Efficiency Factor [kWh / TG] | |
| x | | |
| 1.06385 | PSC/PUC fee = | 2.2330 |
| | | 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: September 2023**

HELCO BILLING PERIOD:

07/11/23 - 08/08/23

| | |
|-----------------|-------------|
| Anaehoomalu STP | 33,284.25 |
| SPS #1 | 4,903.48 |
| SPS#2 | 1,187.31 |
| SPS#3 | 881.65 |
| | |
| GRAND TOTAL | \$40,256.69 |

POWER COST CALCULATIONS:

| | |
|---|-------------|
| PREVIOUS MONTH TOTAL DOLLARS: | \$40,256.69 |
| PREVIOUS MONTH TOTAL METERED TG | 79,742 |
| UNIT PRICE FOR METERED WATER SALES [\$/ TG] | \$ 0.5048 |

WHUC CALCULATIONS:

| | | |
|---------|---------------|---|
| 0.5048 | | UNIT PRICE FOR METERED WATER SALES [\$/ TG] |
| x | | |
| 1.06385 | PSC/PUC fee = | 0.5371 |
| | | POWER COST CHARGE PER TG (WHUC) |

**WEST HAWAII UTILITY COMPANY - IRRIGATION
POWER COST CHARGE CALCULATION
EFFECTIVE: SEPTEMBER 2023**

HELCO BILLING PERIOD:

07/11/23 - 08/08/23

| | | | |
|------------------------|-----------------|------------|------------|
| Irrigation Wells 1,2,3 | 10,979.83 | 29,700 | 0.3697 |
| Nursery Well | 3,273.28 | 8,103 | 0.4040 |
| 51' Well | 350.00 | 0 | - |
| SUBTOTAL | \$14,603.11 | 37,803 | 0.3863 |

ENERGY RESOURCES - WIND

| | | | |
|-----------------|-----------------|------------|------------|
| GRAND TOTAL | \$14,603.11 | 37,803 | 0.3863 |
|-----------------|-----------------|------------|------------|

POWER COST CALCULATIONS:

| | |
|---------------------------------------|-------------|
| TOTAL DOLLARS: | \$14,603.11 |
| TOTAL KWH | 37,803 |
| UNIT PRICE FOR ELECTRICITY [\$ / kWh] | \$ 0.3863 |

WHUC CALCULATIONS:

| | | |
|---------|--|--|
| 0.3863 | | UNIT PRICE FOR ELECTRICITY [\$ / kWh] |
| x | | |
| 0.5337 | | Pump Efficiency Factor [kWh / TG] |
| x | | |
| 1.06385 | | (PSC/PUC fee) = 0.2193 |

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)**