

**WEST HAWAII WATER COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: September 2022**

7/13/22 - 8/10/22

|                         |                               |                     |                  |        |
|-------------------------|-------------------------------|---------------------|------------------|--------|
| HELCO:                  | WAIK DEEP WELL #1 PUMP (DW-1) | 118,079.95          | 264000           | 0.4473 |
|                         | WAIK WTR WELL #1 PH 1         | 296.97              | 506              | 0.5869 |
|                         | WAIK DEEP WELL #2 PUMP (DW-2) | 41,492.88           | 91,500           | 0.4535 |
|                         | WAIK WELL SITE #2/PH 1        | 170.22              | 260              | 0.6547 |
|                         | WAIK DEEP WELL #3 PUMP (DW-3) | 10,358.44           | 21,000           | 0.4933 |
|                         | WAIK WELL SITE #3/PH 1 P7X    | 51.28               | 23               | 2.2296 |
|                         | WAIK DEEP WELL #4 PUMP (DW-4) | 10,587.52           | 21,600           | 0.4902 |
|                         | WAIK DEEP WELL #5 PUMP (DW-5) | 69,702.70           | 156,000          | 0.4468 |
|                         | WAIK DEEP WELL #6 PUMP (DW-6) | 92,684.88           | 206,700          | 0.4484 |
|                         | WAIK WELL SITE #6/AUXILIARY   | 207.83              | 333              | 0.6241 |
|                         | WAIK DEEP WELL #7 PUMP (DW-7) | 29,002.42           | 44,700           | 0.6488 |
|                         | WAIK WELL SITE #7/PH 1        | 218.15              | 353              | 0.6180 |
|                         | WAIK WELL #8 CNTRL BLDG/PH 1  | 600.42              | 1095             | 0.5483 |
|                         | WAIK WELL #8 CNTRL BLDG/PH 3  | 104,182.67          | 236100           | 0.4413 |
| ENERGY RESOURCES - WIND |                               |                     |                  | -      |
|                         | SUBTOTAL                      | <u>477,636.33</u>   | <u>1,044,170</u> | 0.4574 |
| ENERGY RESOURCES - WIND |                               |                     |                  |        |
|                         | GRAND TOTAL                   | <u>\$477,636.33</u> | <u>1,044,170</u> | 0.4574 |

**POWER COST CALCULATIONS:**

|                                       |                  |
|---------------------------------------|------------------|
| TOTAL DOLLARS:                        | \$477,636.33     |
| TOTAL KWH                             | <u>1,044,170</u> |
| UNIT PRICE FOR ELECTRICITY [\$ / kWh] | \$ 0.4574        |

**WHWC CALCULATIONS:**

|         |   |
|---------|---|
| 0.4574  | UNIT PRICE FOR ELECTRICITY [\$ / kWh]                       |
| x       |   |
| 5.6300  | Pump Efficiency Factor [kWh / TG]                           |
| x       |   |
| 1.06385 | PSC/PUC fee = <b>2.7398</b> POWER COST CHARGE PER TG (WHWC) |

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)