

**WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: FEBRUARY 2022**

**12/14/21 - 1/12/22**

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	100,027.10	299200	0.3343
	WAIK WTR WELL #1 PH 1	248.72	524	0.4747
	WAIK DEEP WELL #2 PUMP (DW-2)	36,959.37	107,700	0.3432
	WAIK WELL SITE #2/PH 1	151.43	284	0.5332
	WAIK DEEP WELL #3 PUMP (DW-3)	18,386.92	52,200	0.3522
	WAIK WELL SITE #3/PH 1 P7X	51.32	27	1.9007
	WAIK DEEP WELL #4 PUMP (DW-4)	3,982.82	200	19.9141
	WAIK DEEP WELL #5 PUMP (DW-5)	4,075.22	200	20.3761
	WAIK DEEP WELL #6 PUMP (DW-6)	75,757.20	224,700	0.3371
	WAIK WELL SITE #6/AUXILIARY	262.90	559	0.4703
	WAIK DEEP WELL #7 PUMP (DW-7)	62,407.82	176,400	0.3538
	WAIK WELL SITE #7/PH 1	187.09	372	0.5029
	WAIK WELL #8 CNTRL BLDG/PH 1	385.30	861	0.4475
	WAIK WELL #8 CNTRL BLDG/PH 3	10,466.59	600	17.4443
	<b>SUBTOTAL</b>	<b>\$313,349.80</b>	<b>863,827</b>	<b>0.3627</b>

ENERGY RESOURCES - WIND

<b>GRAND TOTAL</b>	<b>\$313,349.80</b>	<b>863,827</b>	<b>0.3627</b>
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$313,349.80
TOTAL KWH	863,827
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3627

**WHUC CALCULATIONS:**

0.3627	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	<b>2.1727</b> 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: FEBRUARY 2022**

HELCO BILLING PERIOD:

12/10/21 - 1/10/22

Anaehoomalu STP	33,421.60
SPS #1	4,626.18
SPS#2	949.36
SPS#3	741.06
 GRAND TOTAL	 <u>\$39,738.20</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$39,738.20
PREVIOUS MONTH TOTAL METERED TG	73,198
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	<u>\$ 0.5429</u>

**WHUC CALCULATIONS:**

0.5429	UNIT PRICE FOR METERED WATER SALES [\$ / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.5775</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 FEBRUARY 2022**

HELCO BILLING PERIOD:

12/10/21 - 1/10/22

Irrigation Wells 1,2,3	11,285.03	32,000	0.3527
Nursery Well	2,898.77	7,394	0.3920
51' Well	1,614.66	3,560	0.4536
 SUBTOTAL	<u>\$15,798.46</u>	<u>42,954</u>	<u>0.3678</u>

ENERGY RESOURCES - WIND

GRAND TOTAL	<u>\$15,798.46</u>	<u>42,954</u>	<u>0.3678</u>
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$15,798.46
TOTAL KWH	<u>42,954</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3678

WHUC CALCULATIONS:

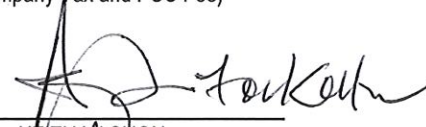

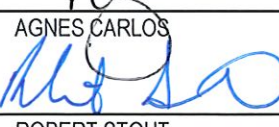
0.3678	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = <span style="background-color: yellow; border: 1px solid black; padding: 2px;">0.2088</span>

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)**

PREPARED BY:	 _____ KEITH YACHON	1/21/2022 _____ DATE	
APPROVED BY:	 _____ AGNES CARLOS	1/21/2022 _____ DATE	
APPROVED BY:	 _____ ROBERT STOUT	1/21/22 _____ DATE	