

WEST HAWAII UTILITY COMPANY
POWER COST CHARGE CALCULATION
EFFECTIVE: OCTOBER 2024

08/09/24-09/09/24

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	109,968.01	290400	0.3787	
	WAIK WTR WELL #1 PH 1	292.24	553	0.5285	
	WAIK DEEP WELL #2 PUMP (DW-2)	44,053.21	103,800	0.4244	
	WAIK WELL SITE #2/PH 1	158.80	261	0.6084	
	WAIK DEEP WELL #3 PUMP (DW-3)	68,634.37	171,000	0.4014	
	WAIK WELL SITE #3/PH 1 P7X	55.86	28	1.9950	
	WAIK DEEP WELL #4 PUMP (DW-4)	60,782.77	150,200	0.4047	
	WAIK DEEP WELL #5 PUMP (DW-5)	29,915.72	68,000	0.4399	
	WAIK DEEP WELL #6 PUMP (DW-6)		0	-	Meter removed for repair 6-9 months
	WAIK WELL SITE #6/AUXILIARY	100.30	133	0.7541	
	WAIK DEEP WELL #7 PUMP (DW-7)		0	-	7/26/24 Account closed. Pump down
	WAIK WELL SITE #7/PH 1	55.86	0	-	
	WAIK WELL #8 CNTRL BLDG/PH 1	1,199.33	2538	0.4725	
	WAIK WELL #8 CNTRL BLDG/PH 3	92,253.36	246900	0.3736	
	SUBTOTAL	\$407,469.83	1,033,813	0.3941	
ENERGY RESOURCES - WIND					
	GRAND TOTAL	\$407,469.83	1,033,813	0.3941	

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$407,469.83
TOTAL KWH	1,033,813
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3941

WHUC CALCULATIONS:

0.3941	UNIT PRICE FOR ELECTRICITY [\$ / kWh]	
x		
5.6300	Pump Efficiency Factor [kWh / TG]	
x		
1.06385	PSC/PUC fee =	2.3607 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: OCTOBER 2024

HELCO BILLING PERIOD:

08/07/24 - 09/05/24

685283 QUEEN KAAHUMANU HWY BLDG 1 STP	36,468.44
SPS #1	4,667.21
SPS#2	1,137.96
SPS#3	916.60
GRAND TOTAL	<u>\$43,190.21</u>

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$43,190.21
PREVIOUS MONTH TOTAL METERED TG	<u>87,956</u>
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4910

WHUC CALCULATIONS:

0.4910
x
1.06385

UNIT PRICE FOR METERED WATER SALES [\$ / TG]

PSC/PUC fee =

0.5224

POWER COST CHARGE
PER TG (WHUC)

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)

WEST HAWAII UTILITY COMPANY - IRRIGATION
POWER COST CHARGE CALCULATION
EFFECTIVE: OCTOBER 2024

HELCO BILLING PERIOD:

08/07/24 - 09/05/24

685283 Queen Kaahumanu Hwy Bldg 1 IRR Pump 2 3	12,199.51	30,400	0.4013
Nursery Well	4,456.84	10,543	0.4227
51' Well	2,047.60	4,360	0.4696
 SUBTOTAL	 \$18,703.95	 45,303	 0.4129

ENERGY RESOURCES - WIND

GRAND TOTAL	\$18,703.95	45,303	0.4129
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POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$18,703.95
TOTAL KWH	45,303
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.4129

WHUC CALCULATIONS:

0.4129	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) 0.2344

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)**