

WEST HAWAII UTILITY COMPANY  
POWER COST CHARGE CALCULATION  
EFFECTIVE: JULY 2018

5/15/18-6/13/18

HELCO:	WAIK DEEP WELL #1 PUMP (DW-1)	1,279.04	0	#DIV/0!
	WAIK WTR WELL #1 PH 1	33.55	0	#DIV/0!
	WAIK DEEP WELL #2 PUMP (DW-2)	48,301.89	162,000	0.2982
	WAIK WELL SITE #2/PH 1	338.82	833	0.4067
	WAIK DEEP WELL #3 PUMP (DW-3)	50,980.21	171,300	0.2976
	WAIK WELL SITE #3/PH 1 P7X	84.48	139	0.6078
	WAIK DEEP WELL #4 PUMP (DW-4)	5,029.59	9,800	0.5132
	WAIK DEEP WELL #5 PUMP (DW-5)	24,834.17	82,200	0.3021
	WAIK DEEP WELL #6 PUMP (DW-6)	67,834.88	234,600	0.2892
	WAIK WELL SITE #6/AUXILIARY	173.55	382	0.4543
	WAIK DEEP WELL #7 PUMP (DW-7)	76,305.11	265,200	0.2877
	WAIK WELL SITE #7/PH 1	71.32	103	0.6924
ENERGY RESOURCES - WIND				
	SUBTOTAL	<u>\$275,266.61</u>	<u>926,557</u>	0.2971
ENERGY RESOURCES - WIND				
	GRAND TOTAL	<u><u>\$275,266.61</u></u>	<u><u>926,557</u></u>	0.2971

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$275,266.61
TOTAL KWH	<u>926,557</u>
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ <u>0.2971</u>

WHUC CALCULATIONS:

0.2971	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
5.6300	Pump Efficiency Factor [kWh / TG]
x	
1.06385	PSC/PUC fee = <span style="border: 1px solid black; padding: 2px;">1.7794</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: JULY 2018**

HELCO BILLING PERIOD:

5/11/18 to 6/09/18

Anaehoomalu STP	28,913.34
SPS #1	3,843.46
SPS#2	926.44
SPS#3	710.60
ENERGY RESOURCES - WIND	
SUBTOTAL	\$34,393.84
ENERGY RESOURCES - WIND	
GRAND TOTAL	\$34,393.84

POWER COST CALCULATIONS:

PREVIOUS MONTH TOTAL DOLLARS:	\$34,393.84
PREVIOUS MONTH TOTAL METERED TG	83,480
UNIT PRICE FOR METERED WATER SALES [\$ / TG]	\$ 0.4120

**WHUC CALCULATIONS:**

0.4120		UNIT PRICE FOR METERED WATER SALES [\$ / TG]	
x		PSC/PUC fee	=
1.06385			= <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.4383</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: JULY 2018**

HELCO BILLING PERIOD:

5/11/18-6/9/18

Irrigation Wells 1,2,3	9,322.43	30,300	0.3077
Nursery Well	3,314.28	10,217	0.3244
51' Well	1,661.82	4,551	0.3652
ENERGY RESOURCES - WIND			
SUBTOTAL	\$14,298.53	45,068	0.3173
ENERGY RESOURCES - WIND			
GRAND TOTAL	\$14,298.53	45,068	0.3173

POWER COST CALCULATIONS:

TOTAL DOLLARS:	\$14,298.53
TOTAL KWH	45,068
UNIT PRICE FOR ELECTRICITY [\$ / kWh]	\$ 0.3173

**WHUC CALCULATIONS:**

0.3173	UNIT PRICE FOR ELECTRICITY [\$ / kWh]
x	
0.5337	Pump Efficiency Factor [kWh / TG]
x	
1.06385	(PSC/PUC fee) = <span style="border: 1px solid black; background-color: yellow; padding: 2px;">0.1801</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)**