Off grid Aquaponics and Aquaculture for a Home Owner on the Leeward side of Oahu

BnB Nursery
Brian Leonida
Thank You!

CTAHR – Clyde Tamaru and Team
Trent – Inter Island Solar
Albert “Al” Fung- Aquaponics in Paradise
Devin Gomes
Marvin Nuestro
Tina Wegscheid
Mom and Dad
Why Solar?
Leeward coast of Oahu
Power cost

• No power present on property.
• Quote to get HECO power on property, $15,000 a pole.
  • 3 poles needed.
  • $45,000 total
Calculations

- Amps x Voltage = Watts
- Watts / 1000 = Kilowatts
- Kilowatts x hours of use = Kilowatt Hours

- .9x120=108
- 108/1000=.108
- 108 x 24=2.59
- 2.59 x .35 = .90 a day
Pump usage

• 15 mins on / 45 mins off
• 15 mins x 24 hrs = 360 mins
• 360 mins / 60 mins = 6 hours

• .9 x 120 = 108 watts
• .108 / 1000 = .10
• .10 x 6 = .6
• .6 x .35 = .21 cents a day
PONCHO'S SOLAR SERVICE
808-422-4266
Thank you very Much!