# Electrical Equipment Calculations

Use to determine eletrical service needed, distribution of power, dedicated circuits and generator requirements

| Green house Equipment | Generator | Units | amps | volts | watts | kwh | Op hrs | Daily kwh | Operating Days/Yr | Monthly kwh |
|---|---|---|---|---|---|---|---|---|---|---|
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| **Aquaponic Equipment** | | | | | | | | | | |
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| **Totals** | | | | | | | | | | |

# Elecrical Consumption

| Date | Total kWh Used | Total building electric | % used for Growing | Electric Bill | % of Bill for Growing | Cost per kWh |
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# Water Consumption Data

| | Aquaponic System | | Wet Wall Water | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Date*** | ***Top Off Water Meter reading*** | ***Total gallons*** | ***Wet Wall Meter reading*** | ***Total gallons*** | ***Total Consumption (gal)*** | ***Daily Consumption (gal)*** | **Farm Total Gallons Used** | **Billable Water Useage Gallons** | **Water Bill** | **Sewer Bill** | **Total Utility Bill** |
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# Heating System Utilities

| Greenhouse Heaters | | | | Water Heater System | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Date* | *Meter Reading* | *Total Use (cubic feet)* | *Total (Therms)* | *Meter Reading* | *Total Use (cubic feet)* | *Total (Therms)* | Combined therms greenhouse and water heater | Utility Bill | Cost per Therm |
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