# Electrical Exemption Percentage Calculations

(Electricity used in Processing / Agricultural Production)

Complete the calculations below for each meter which meters electricity for both exempt and non-exempt (taxable) purposes. If calculations require more than one form, attach all additional documentation as required.

| | | | | | |
|---|---|---|---|---|---|
| Claimant Name: | | Period Start: | | Period End: | |
| Doing Business As: | | Hours of Operation: | | | |
| Address: | | Days per Week: | | Weeks per Year: | |
| City / State / Zip: | | Total KWH used for this period (from electric bills): | | | |

| | |
|---|---|
| Description of Business: | |

**Exempt Activities**

| | | Energy Rating per Nameplate | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Activity * | Quantity | Watts | Volts | Amps | HP | Load Factor | Hours per Year | KWH per Year |
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**Non-Exempt (Taxable) Activities**

| | | Energy Rating per Nameplate | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Activity * | Quantity | Watts | Volts | Amps | HP | Load Factor | Hours per Year | KWH per Year |
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| Total Exempt | |
| Exempt % | |

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|---|---|
| Total Non-Exempt | |
| Non-Exempt % | |

| | |
|---|---|
| Comparison of Total Exempt & Non-Exempt KWH to Total KWH Used for Period: | |

* if a motor is 3 phase, indicate 3 phase in the Activity column. Multiply volts from the equipment nameplate by 1.732. Enter that figure in the volts column.

# Electrical Exemption Percentage Calculations

(Electricity used in Processing / Agricultural Production)

Complete the calculations below for each meter which meters electricity for both exempt and non-exempt (taxable) purposes. If calculations require more than one form, attach all additional documentation as required.

| | | | | | |
|---|---|---|---|---|---|
| Claimant Name: | | Period Start: | 01/01/2012 | Period End: | 12/31/2012 |
| Doing Business As: | | Hours of Operation: | 10:00 a.m. to 9:00 p.m. | | |
| Address: | | Days per Week: | 7 | Weeks per Year: | 50 |
| City / State / Zip: | | Total KWH used for this period (from electric bills): | | 59,000 | |

**This worksheet is a sample only & does not necessarily include all exempt & non-exempt**

| | |
|---|---|
| Description of Business: | |

## Exempt Activities

| Activity * | Quantity | Energy Rating per Nameplate: Watts | Volts | Amps | HP | Load Factor | Hours per Year | KWH per Year |
|---|---|---|---|---|---|---|---|---|
| Dough Press | 1 | 1500 | | | | 0.50 | 580 | 435 |
| Icee Mixer-Dispenser | 1 | | 230 | 20.0 | | 0.30 | 8,760 | 12,089 |
| Ice Cream Machine | 1 | | 230 | 12.0 | | 0.30 | 3,744 | 3,100 |
| Bread Oven | 2 | | 120 | 15.0 | | 0.50 | 2,190 | 3,942 |
| Soda Mixer-Dispenser | 3 | | 120 | 3.5 | | 0.30 | 3,744 | 1,415 |
| Meat Grinder | 1 | | | | 8.5 | 0.50 | 4,380 | 13,887 |
| Precooked Meat Slicer | 1 | | | | 0.5 | 0.50 | 4,380 | 817 |

## Non-Exempt (Taxable) Activities

| Activity * | Quantity | Energy Rating per Nameplate: Watts | Volts | Amps | HP | Load Factor | Hours per Year | KWH per Year |
|---|---|---|---|---|---|---|---|---|
| Lights | 20 | 60 | | | | 1.00 | 3,850 | 4,620 |
| Lights | 20 | 40 | | | | 1.00 | 3,850 | 3,080 |
| Refrigerator | 2 | | 120 | 5.2 | | 0.50 | 8,760 | 5,466 |
| Freezer | 1 | | 120 | 9.9 | | 0.50 | 8,760 | 5,203 |
| Dishwasher | 1 | | 120 | 16.0 | | 0.75 | 2,800 | 4,032 |

| | |
|---|---|
| Total Exempt | 35,685 |
| Exempt % | 60.48% |

| | |
|---|---|
| Total Non-Exempt | 22,401 |
| Non-Exempt % | 37.97% |

| | |
|---|---|
| Comparison of Total Exempt & Non-Exempt KWH to Total KWH Used for Period: | 98.45% |

* if a motor is 3 phase, indicate 3 phase in the Activity column. Multiply volts from the equipment nameplate by 1.732. Enter that figure in the volts column.

**Formulas used to calculate KWH per Year** (KWH per year will be automatically calculated):

- Watts: Quantity x (Watts / 1000) x Load Factor x Hours per Year
- Amps/Volts: Quantity x (Volts x Amps / 1000) x Load Factor x Hours per Year
- Horsepower (hp): Quantity x (hp x 746 /1000) x Load Factor x Hours per Year

### 3 Phase Motors

Volts from the equipment nameplate will need to be multiplied by 1.732 and entered in the volts column.