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

Non-Exempt (Taxable) Activities

		Energy Rating per Nameplate						
Activity *	Quantity	Watts	Volts	Amps	HP	Load Factor	Hours per Year	KWH per Year

Total Exempt	
Exempt %	

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.