



OREGON LIQUOR CONTROL COMMISSION

Supplemental Form: Electricity and Water Use Estimate

What is this form?

In addition to the **Marijuana Business Operating Plan** and **Marijuana Cultivation Plan**, [845-025-1030 \(4\)\(g\)\(B\)](#) requires applicants for a recreational marijuana Producer license to submit a report or estimate of electrical and water usage. Applicants seeking a new Producer license may use this form to provide these estimates to the Commission.

For renewal applications of an existing producer license, applicants are required to submit a report of actual usage.

How do I estimate my electrical usage?

Record your estimates in kilowatt-hours (kWh). To determine how many kWh a piece of equipment uses, take the following steps:

- Determine the wattage of the device by checking manufacturer specifications.
- Multiply this by the number of hours each month the device will be in use to determine watt-hours.
- Divide each month's watt-hours by 1,000 to determine kWh. Round to three decimal places.
- Repeat this for each piece of equipment and total the amounts for each month.

You may also use the energy estimate worksheet provided by the Oregon Department of Energy. You can find the link to this worksheet at marijuana.oregon.gov

How do I estimate my water usage?

Clearly identify the measurement unit you are using to estimate or report your water usage. If you are using multiple units, you may use additional columns to record that information. If you are using reclaimed water, identify that as a source.

All water used in the cultivation of recreational marijuana must come from sources that are legal under Oregon law, and which are documented, and verifiable. If you are utilizing more sources of water than may be included on this form, you may include that information on additional files uploaded into the online licensing system.

Estimates should assume the business is in full production for each month.



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Section 1 - Business Information

Enter information for the business seeking to be licensed, as identified on the license application.

Business Name:					
License Type(s):					
Trade Name:					
Mailing Address:					
City:		State:		ZIP:	

Premises Address:					
City:		State:		ZIP:	

Primary Contact:					
Main Phone:		Cell Phone:			
Email:					

Section 2 - Electricity Sources

Describe all sources of electrical power and the total annual kWh expected to be drawn from each. For example, if the proposed operation uses on-site power generation from a source such as solar panels, document the amount of power you expect to use from that source in addition to any other sources.

Source or utility name	Expected kWh drawn annually	Account# (if applicable)
Total annual kWh:		



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Section 3 – Monthly Electricity Estimates

List the **total** estimated kilowatt-hours (kWh) for **all equipment** that will be used in a given month in the cultivation of recreational marijuana at the proposed premises.

Month and Year: The month and year of the estimate. For example, “Jan 2016”

kWh used: The estimated kWh used by all pieces of equipment used in the cultivation of recreational marijuana requiring power. This does not include power generated on-site.

kWh generated: The estimated total kWh for the month and year that will be generated and used on-site. This includes power from sources such as solar panels or generators.

kWh drawn: The estimated kWh required in excess of the total kWh generated and used on-site. This number should equal **kWh generated** subtracted from **kWh used**.

Month and Year	kWh used	kWh generated	kWh drawn
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
Total:			



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Section 4 – Monthly Water Use Estimate

Estimate the total water used in the production of marijuana by month. If recording estimates for multiple sources (for example, from both a municipal source and an irrigation district,) estimate these amounts separately.

If you require additional space for sources, check the box below. You may upload additional supplemental information or include an additional copy of this form.

I have more than three sources of water that will be used in the cultivation of recreational marijuana.

Source				
Permit, account, or other #				
Unit of measurement				
Month and Year				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
Totals:				