

Bryan Municipal Utilities

Consumer Guidelines for Electric Power Generator Installation and Interconnection

Bryan Municipal Utilities seeks to provide its customer owners with the best electric service possible, and at the lowest cost consistent with sound economy and good management. In some cases, BMU customer owners may become interested in installing their own electric power generation equipment. In these cases, BMU stands ready to work with you to ensure that your generation equipment is installed in a proper and safe manner, and in accordance with all applicable codes, standards, regulations, laws and insurance requirements. In most of these cases, you will also need to coordinate the installation and approval of your electric power generator with Bryan Municipal Utilities Electric Superintendent.

Table 1 summarizes the information required from a customer who is installing distributed generation.

<i>DG Information</i>			<i>Information Required from Customer</i>			
Size	Interconnected with BMU?	Power Export?	Application Part 1	Application Part 2	Contract Agreement Short	Contract Agreement Long
Less than 10 kW	No	No				
	Yes	No	✓		✓	
		Yes *	✓		✓	
10-30 kW	No	No	✓			
	Yes	No	✓			✓
		Yes *			✓	
More than 30 kW	No	No	✓	✓		
	Yes	No	✓	✓		✓
	Yes	Yes *	✓	✓		✓

* We do not currently have programs in place for the exporting of power. We are happy to discuss possibilities and explain our limitations.

The remainder of this guideline details specific information that is required for different sizes and applications of customer-owned distributed generation.

Special Accelerated Application Process for Small Generators

If you are planning to install photovoltaic (PV) or other generators less than 10 kilowatts (kW) in a home residence or farm, we have established a special streamlined process to make it easy for you to complete the installation.

Not to be Interconnected

If your small generator is not to be interconnected with the electric power system, all you need to do is give us a call, and provide us with the electrical capacity, manufacturer and name of your electrical installer. We may ask you to send us a copy of your manufacturer information. There is no formal application or fee required.

To be Interconnected

If you are planning to interconnect your generator with the BMU's electric power distribution system, you need to complete Part 1 of the attached application and submit it to us. A minimal application fee is also required (see fee schedule attached). You also need to sign our streamlined contract form (copy of Short Form Contract Agreement attached).

Generators Not Interconnected with BMU Distribution System

You may be planning to install a generator for isolated operation, with no connection to the BMU distribution system. Find your specific situation below.

Generator Installation (10-30 kW and not interconnected with the BMU Distribution System)

If you are considering installation of an emergency generator from 10-30 kW, typically running on gasoline or diesel fuel oil, you are probably not planning to interconnect your generator with the BMU electric power distribution system. It is important that your installation is safe to you, safe to other customers and to our utility workers. It also should not interfere with BMU's reliable supply of electric power to your residence or other facility. To accomplish this, care must be taken to install your generator so that it will either 1) only start up to serve your entire load when you have disconnected from the electric power grid, or 2) you are only serving isolated loads where there is a choice of power supply (BMU system or your emergency generator). You are required to complete Part 1 of the attached application to notify us of your plans. A small application fee is required. You should also let us know once your generator is up and running.

Generator Installation (greater than 30 kW and not interconnected with BMU Distribution System)

Installation of larger generators within a customer facility has the potential to impact distribution system operations. If you are planning to install a large generator, you must complete Parts 1 and 2 of the attached application and submit it to us so we are aware of

your plans. There is a fee associated with this application (see fee schedule attached). We will review your plans to ensure that your installation is not interconnected, and to make certain to the greatest extent possible that your installation will not endanger safety or reliability on the BMU electrical distribution system. We want to make sure that your installation will not place our utility workers in any danger of electric shock. We will report back to you with our findings within 12 business days of your application.

Generators Interconnected with the BMU Distribution System

When installing a generator and planning to interconnect with the distribution system, we must review your plans to ensure that personnel safety and system reliability will not be compromised.

If you are interested in selling some or all of the power that you generate, we do not have programs in place for the purchase of power from consumers, and we are not willing to wheel excess power for you at this time. We are happy to discuss possibilities and explain our limitations.

Generator Installation and Interconnection with the BMU Distribution System (all generators)

Customers may wish to install their new generator and interconnect it with BMU electric distribution system. In these cases, you need to complete the attached application form and pay the application fee. If your proposed generator installation is 30,000 watts or less you only need to complete Part 1 of the application. If your generator is more than 30,000 watts, you must complete Parts 1 and 2. You also need to complete the Long Form Contract Agreement if you are interconnected with BMU. A check made out to Bryan Municipal Utilities in the amount of the proper fee must accompany the application. An application fee schedule is attached. Submit your application to Bryan Municipal Utilities as indicated below.

Once we receive your application, we will review your proposed generator installation. If we approve your application, we will let you know if there are special steps you need to take during the generator installation process. We may request additional information regarding your planned installation. We will also ask you to sign a contract in which you agree to operate your generator safely, maintain the unit properly, and maintain insurance as needed. We will furnish you an advance copy of the contract upon request.

You can give us a call at anytime during this review process to find out the status of your application. If your application is not approved for any reason, we will explain the reason and be available to discuss your plans.

As part of our application review process, we will examine the ability of the BMU electric distribution system to accept your new power generation unit. On certain parts of our system, we may need to replace existing equipment or add some new equipment in order to accommodate customer generation. BMU will then incur costs beyond what is normally required to operate and maintain the system to benefit all members. To be fair to all members, you will need to pay for any system upgrades that will be needed. If this

is the case for your planned generator installation, we will advise you of the additional cost, and seek your agreement before approving your application. You will also be asked to sign a system upgrade contract that obligates you to reimburse us for the additional expense incurred on your behalf.

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Submit your application to Bryan Municipal Utilities representative as follows:

BMU contact:

Title:	Electric Superintendent
Address:	841 E. Edgerton Street Bryan, OH 43506
Phone:	(419) 633-6121
Fax:	(419) 633-6105
e-mail:	utility@cityofbryan.com