

Augusta Regional Sewer Authority, Inc.

Randal Smith
Chairman

P.O. Box 85
Augusta, Kentucky 41002

September 26, 2018

The following information is being provided to provide county users and businesses a better understanding of the requirements for the electrical installation of the Grinder Pumps.

1. Every electrical installation will require an Electrical Permit & Electrical Inspection. Both will be available by the Local Electrical Inspector at a cost of \$50.00. All electrical installations shall be installed per the 2014 NEC and technical requirements of the grinder pumps.
2. Basic technical requirements are:
 - a. True sinewave that meets residential public utility requirements for frequency, voltage regulation (KU is +/- 5%), harmonic distortion and transients.
 - b. 240 volt 30 amp starting current capacity
 - c. 240 volt 8 amp full load capacity
3. A 30 amp 4 wire circuit from your home's electrical service provided by our local utility company will meet all technical requirements.
4. Homeowners may request a Homeowner's Electrical Permit and perform the installation themselves or have an Electrical Contractor request a permit and perform the installation.
5. Businesses must have an Electrical Contractor request a permit and perform the installation. Note that Churches for the purposes of electrical installations are treated the same as a business
6. Solar power as an alternative is acceptable as long as it meets or exceeds the technical requirements, and passes electrical inspection. Solar power has successfully been utilized to meet technical requirements of the grinder pumps. However, solar power quality can vary depending upon the system quality i.e. the inverter. It would be the home owner's responsibility to ensure their system meets technical requirements.

As a convenience for homeowners and businesses the Local Electrical Inspector will provide an evaluation of the electrical service and panel prior to the installation at no cost. Contact information for the Local Electrical Inspector: Robert Scott @ [606-402-0172](tel:6064020172) Cell Phone or Rkscott62@gmail.com.

Respectfully



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