Natural Gas Generator:

If you are thinking about installing a natural gas generator, here are a few things you need to consider.

1) You will need an electrical permit from the Zoning Department.

2) Morton Municipal Code 10-4-3(D)5 states: Noise-Emitting Mechanical Equipment: In residential districts or on properties adjacent to residential districts, mechanical equipment emitting noise such as air-conditioning compressors and similar equipment may be located in side or rear yards but in no case any closer than **six feet (6')** to the side yard property line of the adjacent property, and in all instances so installed and directed to be a minimum annoyance to the adjacent property.

3) Know the gas load of the size generator you what.

Examples: 7kW - 139,000Btu/hr These figures vary from manufacture so

10kW - 156,000Btu/hr check with manufacture for exact numbers.

14kW - 220,000Btu/hr

16kW - 261,000Btu/hr

20kW - 294,000Btu/hr

22kW - 316,000Btu/hr

4) Call the Gas Department before purchasing to make sure you have enough gas to feed your house and your generator. Lines vary depending on where you live and what year your house was built. Sizing with (EFV) excess flow valves, regulators and meter size are all a factor. Standard homes are built with a 250,000Btu/hr meter. Most furnaces use 80,000 to 120,000Btu/hr. Most water heaters use 40,000 to 50,000Btu/hr. Most on demand water heaters use 200,000 on up Btu/hr. Most dryers use 40,000 to 50,000Btu/hr. Most stoves use 40,000 to 60,000Btu/hr. Add up and know your total load. Upsizing of EFV's involve digging up the service line at the gas main. Bigger meter upgrades maybe necessary to achieve proper operation. Substantial cost maybe involved!

Please do your research first before purchasing!