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(These instructions can be found online here: **Link to Interlock Instructions** Mobile home page

Generator Operation with Electric Panel Interlock Device

Remember: You do not need to run the generator continuously for hours and hours

House heat and refrigerator temperatures can be maintained for many hours without using the generator. (Sump pumps may be more important).
You should be able to keep your home safe and comfortable by only running the generator occasionally. **Try 1 or 2 hours at different points of the day:**

– first thing in the morning,
– a few times during the day, and
– just before going to bed.

There are 3 basic steps.

1. Get the generator started without any electrical load **(This is to let it warm up before it starts working.)**

1. Move the generator to the proper location for operation. (Away from door or window openings, remove any coverings.)
2. Check oil level. (Low oil level sensor can prevent the generator from running.)
3. For gasoline models, fill tank with gasoline. Wipe off any spillage.
4. Check that gas tank flow valve is On/Open.
5. Plug twist-lock extension cord into generator and weatherproof outlet box. They only need a small turn (clockwise to lock.)
6. (In cold weather) Choke lever – turn it On/Closed for initial start-up but turn it back to Off/Open once the generator starts.
7. **For electric start:** Press Start button (or turn key).
8. **Otherwise,** be sure switch is On/Run and pull cord to start engine.
9. If there is a manual speed lever or similar, be sure it is set properly (full/maximum).
10. Allow motor to run 2-3 minutes to warm up. Idle control? It should be [On].
11. Check that the **generator breaker** is **On.**
12. **Voltage Selector** switch? Make sure that it is set for **120/240 volts.**

2. At the circuit breaker box, shut off main breaker, turn on generator breaker.

1. Turn off all the individual breakers in the panel. (The generator can not power the entire house. Its own breaker will shut off.)
2. Shut-off the main breaker. (This prevents the generator from backfeeding the utility wires, and causing electrical hazards to the repair crews.)
3. Slide the interlock bar across to block the main breaker. This unblocks the generator breaker (this connects the generator power to the sub-panel.)
4. Flip on the double breaker for the generator.
5. Turn on the important circuit breakers for heat, sump pump, refrigerators, well, septic, etc.
6. Keep off double breakers for things like central a/c, electric oven.
7. If you have a load meter on the generator, you can monitor how much electricity you are using.. If the load meters show too much power being used for the generator, or to prevent items from being powered, shut off individual circuit breakers.

3. When finished with the test, or when utility power is back on:

1. In the electric panel, shut-off the generator double-30 breaker.
2. Slide the interlock bar to block the 30 amp breaker and allow access to the main breaker.
3. Turn on the main breaker.
4. Turn on all other breakers. (Usually, On is when the breakers are flipped to the center of the panel.)
5. Turn off generator.
6. Unplug the twist-lock extension cord.
7. Turn off the gas supply.
8. Allow the unit to cool completely before storing.
9. Remember to check the oil level when it’s not running