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The Feeder Line

After Ivan, Katrina, etc...

A lot of changes have taken place since we last communicated. Hurricanes have changed our physical landscape and we have encountered several personnel changes here at Gulf Power Company. I have enclosed a new Field Engineer Area Map (See insert) which highlights our representatives in the field and their new telephone numbers. Thanks to each of you for your support during all of the hurricanes and tropical storms. We are reviewing our storm procedures and making improvements which will serve you better.



Safety First

We have shared with our employees that there is no job that they are required to perform where safety is not our #1 priority. Our safety goal is “Target Zero” accidents. Our crews are required to perform a Job Safety Plan (JSP) prior to the start of each job. This written plan is a step-by-step action plan covering every aspect of the job.

Weekly Hump Day Meetings

Safety meetings covering issues and topics using speakers and presentations in industry, equipment, and job performance are held every week.



“Safety is our #1 priority is it yours?”

The “Rough-In Log”

Our underground coordinator for Bay and Washington counties is Gary Buntun. He can be reached at (850) 872-3266 or e-mail him gabuntun@southernco.com. He is requesting your assistance so that we may provide you and your customers with the best possible service.

Unfortunately, we still are not receiving the notifications for underground service in a timely manner. Specifically, we need you to notify us twice. First, notify us at the start of the job when the slab is poured. Second, notify us again after the job has been roughed in. On the second notification all we need to know is when the meter socket has been placed on the wall with the schedule 80 PVC down pipe. A list of contact numbers and

The goal of this publication is to build a communications bridge between the electrical contractors, inspectors, and Gulf Power. Please do not hesitate to contact David Hawkins @ 850-505-5606 with your ideas for future issues or for more information on particular topics! Thanks for your help!

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specifications are included in this issue. (See insert.)

Remember! Notify us twice, the first time for duct, and a second time for wire.

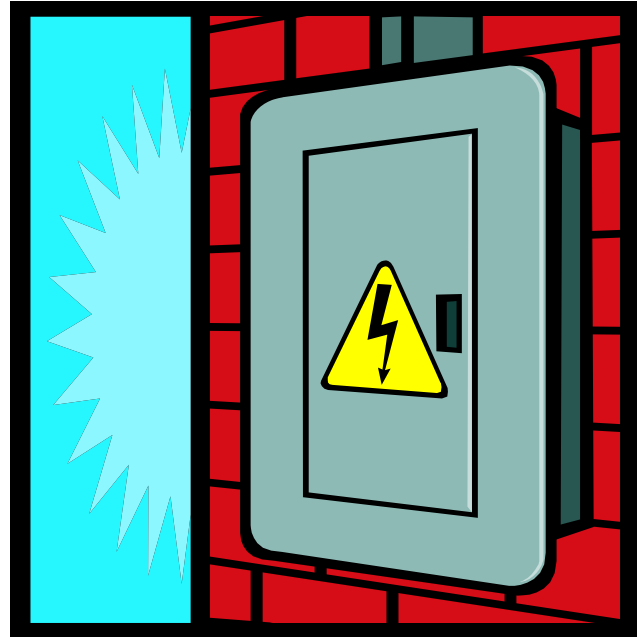
Also, please be sure to run your schedule 80 PVC pipe down past the footer of the home. This is a must to avoid unnecessary delay in getting your services connected.

Normal Work and After Hours Reconnection Procedures

For disconnects or to schedule appointments, etc., during normal work hours, contact Customer Service at 1-(800) 225-5797. Please don't forget to give your name, contact telephone number, day and time of your requested work. For emergency same day disconnects please contact the Engineering Rep, the Planner Scheduler or Customer Service.

After-Hours Reconnects

All repairs, including after-hours reconnects, require an inspection. Please coordinate your inspection with the appropriate inspecting authority.



Metering

Reminder! Effective October 31, 2005, we no longer use any residential or commercial K-meter sockets. Please use the 320-amp self contained meter with a bypass or check with Engineering on using CT's. Stuart Irby and Mathes Electric have part numbers available to you for your orders. These sockets are safer and more cost effective. The following is a specification list for Gulf Power Metering:

1. All meter mounting devices shall be UL listed and labeled as such.
2. All meter sockets shall provide for installation of line-side connections on the top terminals. This is a requirement for both overhead and underground services.
3. All meter spade jaws shall be spring reinforced.
4. Weatherproof construction, NEMA Type 3R.
5. All sockets shall be of the "ringless" type. No ring sockets are acceptable.
6. Metering compartment and breaker compartment shall be separated by a metal barrier.
7. Each meter position shall have a separate cover.
8. All class 320 single phase meter sockets shall have a bypass mechanism.
9. All class 200 and above meter sockets used in commercial installations (4 terminal and 7 terminal) shall have a bypass mechanism.
10. All sockets used for network services shall have the "fifth lug" installed in the 9 o'clock position.

11. Note: K-7 socket not allowed after 10/31/2005.



Miscellaneous Questions & Answers

- Q.** Where do I set my underground temporary service pole for Gulf Power to make the connection?
- A.** Please be sure to set your TSP at the 2 o'clock position within 2 feet of a padmount transformer or pedestal. Note please set all temporary poles (OH/URD) with the meter facing the street. This will help our meter readers.
- Q.** Who is cutting the wire too short?
- A.** As you have requested, we have asked our service techs to please not cut your TSP wire too short when disconnecting the underground service. Our Techs have also asked on overhead TSP's that when possible; please leave the service wire attached to the TSP that they have taped to the pole for the next job.
- Q.** When do I use the "fifth-lug"?
- A.** We need a fifth lug on single phase 120/208 volt systems. This lug needs to be installed at the 9 'clock position in the meter socket.
- Q.** What can you do to ensure timely electrical service for your customers?
- A.** Our Service Techs have been asked to minimize not completing work orders. Repeated trips to try to provide service are very inefficient and costly. We need your help! 1) We need the correct service address. 2) Contact us twice for underground duct/wire installations by either emailing Gary Bunten at gabunten@southernco.com, or calling him at (850) 872-3266. 3) Please remove debris/building materials that would be in the way of underground contractors.

Miscellaneous:

1. Please provide clear labels on all circuits and multi-meters. While internal circuits are governed by the NEC, customers call us often about trouble-shooting customer electrical problems. Clear circuit labeling will help speed this process. Buildings with multiple units need to be clearly marked at the meter (i.e., Unit A, Unit B, etc.)
2. We need your help with your builder/contractor to provide adequate street addresses on all new residences/buildings. This will help us serve you more efficiently.



a conductor (minimum #4 copper) from that stub to the ground bar in the main service disconnect. Also allowed by code is simply placing at least 20 feet of min # 4 copper near the bottom of the footing before the concrete is poured and connect that to the service. This electrode, sometimes called a Ufer ground, will often be the most effective “ground” on the premises. They have been megged at 4 ohms in tests, which is far better than what most ground rods will do. A properly wired grounding electrode system is more effective, safer, and required by the NEC.

Mike Geraldts
Deputy Building Official
Bay County Builders’ Services

The Inspector’s Corner

From the Inspection Department in Bay County:

Hello to our contractors. We at Bay County want to make sure you are aware of a service available to you that will save you time, Trust Accounting. With such an account you can obtain many permits (service repairs, temp poles, etc.) over the phone or by fax. Think of the time you could save by not having to travel to our office for these permits. If you are interested, call Tami Pate at 784-6183 for details.

We wanted to cover code issues from time to time. A common item of confusion involves code requirements of grounding electrode systems for buildings (NEC 250-50). We are all familiar with the ground rod and cold water connection. Another required item for the ground system is the “concrete encased electrode”. If the building has a concrete footing, and most do, this electrode is required by code. It is easy to comply. You can have the concrete contractor stub up a piece of rebar that is tied to the footing steel. You then run

