



Electric Service Guidelines

Summary of Changes
October 2007

Oncor Electric Delivery Company

ELECTRIC SERVICE GUIDELINES

These Electric Service Guidelines supersede all prior issues of Electric Service Guidelines issued by Company and become effective with all construction **on** or **after October 15, 2007**. For more information call the Company at 1-888-313-6862 or visit our website at

<http://www.oncor.com>

For underground cable locates call Dig TESS at 1-800-344-8377.

FOREWORD

This booklet is issued by Oncor Electric Delivery Company (Company) for use by Customers and their agents.

This booklet should be used as a guide in planning the installation of electrical equipment and methods of receiving electrical power and energy from the electrical delivery system of Company.

If service methods other than the examples discussed in this booklet are required, the Customer is to obtain written Company approval prior to letting bids and installing equipment.

Where local inspection authority is not involved, meter installations should be wired in accordance with the latest edition of the National Electrical Code or Company specifications when the Company specifications exceed those of the National Electrical Code.

The information presented herein will be revised periodically to reflect changes which may develop. **It is the Customer's responsibility for obtaining the latest revision.** The latest revision can be obtained at:

http://www.oncor.com/electricity/construct/guidelines/const_guide.aspx



**Electric Service Guidelines Revisions
Oncor Electric Delivery Company**

October 2007

Contact Charlie Crawford @ 817-215-6684 for additional information.

Page	Revision Description
Cover	Revised to Oncor Electric Delivery Company name and logo.
1.	Revised to Oncor Electric Delivery Company name and website address.
4.	Foreword - Added the phrase, "it is the Customer's responsibility for obtaining the latest (Electric Service Guidelines) revision." The internet address for the Electric Service Guidelines is updated.
9.	100.02.03 - reworded similar to tariff language.
10.	100.04.04 - reworded similar to tariff language.
11.	100.05.04 - 120/208 V, Single Phase, 3 Wire Network Service [added "(Non-Standard)" in title]. A second paragraph was added that calls for three phase 120/208 volt service from a pad-mounted transformer that will be split up into single phase service be treated as a commercial service. The point of delivery will be at the secondary terminals of the transformer.
12.	100.05.06 - reworded similar to tariff language.
12.	100.05.09 - reworded similar to tariff language.
27.	Figure 3-G - added note 12- "Each Socket must be clearly and permanently marked to indicate each apartment or location being served. See Section 500.11, page 41"
28.	Figure 3-H - revised note 14- "Each Socket must be clearly and permanently marked to indicate each apartment or location being served. See Section 500.11, page 41"
29.	Section 400.02 - revised last paragraph. "Company owned service lateral raceways are to be located on the exterior of the building."
34.	Figure 4-C - revised note 14. "Each Socket must be clearly and permanently marked to indicate each apartment or location being served. See Section 500.11, page 41"
35.	Figure 4-D - revised note 9. "Each Socket must be clearly and permanently marked to indicate each apartment or location being served. See Section 500.11, page 41"
37-38.	Section 500.04 - A requirement was added requiring the Company to have direct, unobstructed access to the meter. The second requirement added is that all meters be located on the outside of the building unless approved by the Company. If the meter is not on the outside of the building, the customer's point of delivery will be on the outside of the building either at a secondary enclosure or at the secondary terminals of the transformer.

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<u>Page</u>	<u>Revision Description</u>
41.	<p>Section 500.11- This is a new requirement that was the subject of Power Source Flash #168. It requires that the meter socket be clearly and permanently marked with the apartment or location served on both the exterior and interior of the sockets. The exterior is to be marked with an engraved, permanently affixed placard. The interior can be marked with permanent marker.</p> <p>Numerous questions have been received about constitutes an acceptable exterior marking (Engraved placards are one of the most common acceptable ways of marking the sockets). The two primary criteria that must be met by these markings are they must be permanent and, in the opinion of the inspecting Company personnel, they must be made is such a way that they will be clearly legible after they have been painted. If those two criteria are met, the requirement has been satisfied.</p> <p>This requirement is intended to be enforced on new installs and only after the expiration of the grace period ending November 15. Company personnel should be communicating this new requirement to the builders that have active multi-metered projects. On existing buildings, if the installer can determine which address goes with the meter to be set, that meter should be set whether the exterior of the meter socket is marked per these requirements or not. If the address cannot be determined, the meter set can be rejected.</p>
54.	<p>Figure 5-E- revised note 1. “Each Socket must be clearly and permanently marked to indicate each apartment or location being served. See Section 500.11, page 41”</p>

Information to be Supplied by Electricians to Pull Meters On Self-Contained Meter Bases

Template for information required when calling the electrician voice mailbox at 1-800-518-2374.
See Section 500.02

Electrical Contractor's Company _____

Employee's Name _____

Address where work is to be done _____

City _____

Work to be done

Will work require an electrical inspection? Yes No

Date meter will be pulled _____

Date meter will be replaced _____

Contact phone number for clarifying information _____

DO YOU KNOW THE LAW?

Texas Law & OSHA Regulations

To ensure safety and the protection of the public, Chapter 752 of the Texas Health and Safety Code makes it unlawful for unauthorized persons to **move or be placed or bring any part of a tool, equipment, machine, or material within six (6) feet** of live overhead high voltage lines. Contractors and owners are **legally responsible** for the safety of construction workers under this law. This law carries both criminal and civil liability.

Additionally, OSHA Regulations restrict unauthorized persons from **approaching or operating any equipment or machines within ten (10) feet** of live overhead high voltage lines.

For lines to be turned off, moved, or other arrangements, call your Retail Electric Provider.

Some local Electrical Codes require structures to be located a safe distance away from live overhead high voltage lines as defined by the National Electrical Safety Code.



**Be Safe
Around Electricity**