Overhead Distribution Construction Standards

UPDATED: February 27, 2019
PRINTED: JUNE 2018
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EXTERNAL:  

INTERNAL:  
http://insrpteams/community/dc/standards/Pages/default.aspx

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SUBMIT QUESTIONS, COMMENTS OR SUGGESTIONS TO:

Policy, Procedures & Standards
Engineering_Standards@srpnet.com
1. **Purpose and Scope**
   
   A. The following Overhead Distribution Line Construction Standards address the majority of construction issues.

   B. It is imperative to maintain standardization, and that completed job orders reflect any changes on the Installation Records to assure that all record systems reflect the actual location and facilities as they have been constructed. The accuracy of construction to standards will allow SRP to expedite future locating, rebuilding or repairing of these facilities to improve Customer service.

2. **How to Use This Book**
   
   A. Revisions are indicated by bars and arrows $\leftrightarrow$.

   B. Title blocks are used to hold information about the book, section, and standard and are located at the bottom of the page.

   1. “Approval” refers to the engineer responsible for that standard.

   2. “Issue Date” is when the standard was originally created.

   3. Revision Date (“Rev Date”) is the date the standard was last updated. Note that standards are reviewed periodically by the responsible engineer, and if no updates are necessary in that review, the Rev Date will remain unchanged.

   4. Revision statements are a summary of the changes made on the page and are located at the top of the title block.

   5. If a revision results in the complete removal of a diagram or an entire section of a diagram or a complete section of text, a brief explanation of the removal will be entered in the revision statement location of the title block.

   6. Revisions to formatting and corrections to typographical errors and/or page numbers will not be noted as a revision date change, however, it will be indicated in red and entered as a change in the Standards Revision Log.

   C. **Utilizing SRP Standards**

   1. When utilizing SRP’s standards in design projects, modification of said standards is NOT permitted.

   2. Details or images may be extracted and used in design projects when they do not include the title block of the Standard and are not presented as a Standard.

3. **Changes to Standards**

   These Overhead Distribution Construction Standards are subject to update and modification at any time. Printed copies of this book may not include the most up-to-date standards, references, or requirements.

   To access current standards, visit our website: srpnet.com/menu/electricbiz/specs.aspx.
### Contact Information

#### A. Business and Residential

<table>
<thead>
<tr>
<th>Service</th>
<th>Details</th>
<th>Phone Number</th>
</tr>
</thead>
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<tr>
<td>Electrical Emergencies</td>
<td>NOTE: Call 9-1-1 first for medical emergencies</td>
<td>(602) 236-8811</td>
</tr>
<tr>
<td></td>
<td>Fallen Power Lines, Arcing, Electric Shock, Damage to SRP Facilities</td>
<td></td>
</tr>
<tr>
<td>Residential</td>
<td>General Information, Billing Inquiries, Power Outages, Maintenance of SRP Facilities, Temporary Disconnect from SRP Facilities</td>
<td>(602) 236-8888</td>
</tr>
<tr>
<td>Business Center</td>
<td>General Information, Billing Inquiries, Municipal Customers, Public Agency Customers, Inspections, Temporary Disconnect from SRP Facilities</td>
<td>(602) 236-8833</td>
</tr>
<tr>
<td>Spanish</td>
<td>La Linea – servicio en español</td>
<td>(602) 236-1111</td>
</tr>
<tr>
<td>SRP Water (Irrigation)</td>
<td>Emergencies, Water (Irrigation), Flooding, General Information, Billing Inquiries, Irrigation Orders, Schedule Time Inquiries</td>
<td>(602) 236-3333</td>
</tr>
<tr>
<td>Location of Underground Facilities</td>
<td>National “Call Before You Dig” Number (&quot;One Call&quot; Office)</td>
<td>811</td>
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<tr>
<td>Blue Stake</td>
<td>Within Maricopa County</td>
<td>(602) 263-1100</td>
</tr>
<tr>
<td></td>
<td>Outside of Maricopa County</td>
<td>(800) 782-5348</td>
</tr>
<tr>
<td>SRP EarthWise Solar Energy</td>
<td>Main Line</td>
<td>(602) 236-4448</td>
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<td></td>
<td>Residential Photovoltaic</td>
<td>(602) 236-4661</td>
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<tr>
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<td>Residential Solar Water Heaters</td>
<td>(602) 236-4662</td>
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<tr>
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<td>Commercial Photovoltaic (Solar Initiatives)</td>
<td>(602) 236-4663</td>
</tr>
</tbody>
</table>

#### B. Additional Resources

- **Graphic Records:** Contract construction companies can request printing services online at [srpnet.com/electric/business/graphicrequest.aspx](http://srpnet.com/electric/business/graphicrequest.aspx)
- **Standards-related questions:** Email Engineering_Standards@srpnet.com
- **SRP's website:** [srpnet.com](http://srpnet.com)

Residential / Business Electric / Water assistance information.
V. Area Business Office Locations

East Valley Service Center..........................7050 E. University Dr., Mesa 85207
Project Administration Building..........................1500 N. Mill Ave., Tempe 85281
Pinal County Customer Service Center.............3735 E. Combs Rd., Queen Creek 85242
West Valley Service Center..........................221 N. 79th Ave., Tolleson 85353

VI. References

There are numerous documents and standards that were used in developing these guidelines. Many of these documents are modified and updated over time. A partial list of documents used is included below:

- National Electric Code (NEC)
- National Electrical Manufacturers Association (NEMA)
- National Electric Safety Code (NESC)
- Underwriter Laboratories (UL)
- Various state and municipal requirements
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