FARM METER POLE

SINGLE PHASE, 120/240 VOLTS, 3-WIRE SERVICE, 100 AMP MINIMUM

GENERAL
The Cooperative will supply, install, and own the service drop to the pole and the service wire attachments on the pole. All service entrance equipment to be supplied and installed on pole by member.

A weather-head shall be used of proper type for the number and size of wire used. All installations for an overhead or underground service shall be protected with a properly sized weatherproof disconnect switch, fused or breaker type, located adjacent to the meter base.

The cooperative will furnish and install the meter pole, for new installations, at a cost of $625.00 for the pole and $150.00 for the anchor, if necessary, plus applicable tax. Installation of a service entrance on an existing pole only at approval of Cooperative’s designated personnel.

GROUNDING
Ground wire shall be one continuous length, without splice or joint, from main switch to grounding electrodes. Suitable clamp must connect ground-wire securely to two driven ground rods - minimum 6' apart in undisturbed earth.

Grounding electrodes must be rods: 5/8" x 8" solid rod, either galvanized or copper-clad.

NOTES
1. All installations to be made according to the diagram on reverse side.
2. All materials to be approved by the Underwriters Laboratories.
3. All wiring to be in conformance with the National Electric Code and the National Electric Safety Code, current edition, and certified by a Cooperative approved inspection agency.
4. Always have a qualified electrician take care of your wiring needs.
5. Members not following these minimum specifications may be refused service connection.
6. Service connections and/or meter approval shall be done only by authorized Cooperative personnel.
7. Reduced neutral may be allowed.
8. All service entrances will be located by Cooperative personnel and above clearances may be greater. Any change to the service entrance location without authorization from the Cooperative may incur an additional expense to the member.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MATERIAL</th>
<th>100 AMP SERVICE</th>
<th>150 AMP SERVICE</th>
<th>200 AMP SERVICE</th>
<th>300 AMP SERVICE</th>
<th>400 AMP SERVICE</th>
<th>600 AMP SERVICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Service Entrance Cable, Type SEU Copper Wire</td>
<td>#4</td>
<td>#1</td>
<td>#2/0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Service Entrance Cable, Type SEU Aluminum/Wire</td>
<td>#2</td>
<td>#2/0</td>
<td>#4/0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Copper Wire, Type THW in Conduit</td>
<td>#4</td>
<td>#1</td>
<td>#2/0</td>
<td>500 MCM</td>
<td>500 MCM</td>
<td>6-250 MCM</td>
</tr>
<tr>
<td>4</td>
<td>Aluminium Wire, Type THW in Conduit</td>
<td>#2</td>
<td>#2/0</td>
<td>#4/0</td>
<td>500 MCM</td>
<td>750 MCM</td>
<td>6-500 MCM</td>
</tr>
<tr>
<td>5</td>
<td>Minimum Conduit Size</td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>3&quot;</td>
<td>3&quot;</td>
<td>3 1/2&quot;</td>
</tr>
<tr>
<td>6</td>
<td>Minimum Conduit Size For LG Service Conductors</td>
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<td>2&quot;</td>
<td>2&quot;</td>
<td>3&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>7</td>
<td>Copper Ground Wire to Driven Grounding Electrodes</td>
<td>#6</td>
<td>#6</td>
<td>#4</td>
<td>#2</td>
<td>#1/0</td>
<td>#1/0</td>
</tr>
</tbody>
</table>

(DH, Sept '15)
Member must buy meter pole and anchor. Co-op will install meter pole.

Member will furnish and install all materials to dress the meter pole to the top so that it complies with the NEC & NESC. Member will leave three feet of wire hanging out of the weatherhead to allow the Co-op to connect.

Member is also responsible for furnishing any overhead service wires after the meter.

Member to buy meter pan from Co-op at a discounted member price and install on pole.

Two driven grounding electrodes, 6' apart, in undisturbed soil with continuous ground loop. To be provided and installed by member. Size of electrodes = 5/8" x 6'

*Grounding to meet National Electric Code on new construction.

(DH, Sept '15)