**Retrofit Opportunity**

- The addition of whole-house surge protection is a project that can be taken on at anytime, without any other remodeling agenda.

**Purpose**

- To protect electronics from power surges caused by lightning and transformer malfunctions.

**Benefits**

- Prevents equipment and appliance damage from power surges.

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**Summary**

The electronic devices used in your home are extremely sensitive to power surges. Power surges can occur when lightning strikes near a power line or when a transformer malfunctions. Power surges can damage your electronic equipment or anything else in your home that has a microchip, such as your security system and portable phones. To protect your home and equipment from a power surge, install a whole-house surge protector.

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**Illustration**

Retrofit

- Circuit breaker panel box
- Whole-house surge protector

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**Hazards**

<table>
<thead>
<tr>
<th>Wind</th>
<th>Rain</th>
<th>Flood</th>
<th>Seismic</th>
<th>Fire</th>
<th>Snow</th>
</tr>
</thead>
</table>
Potential Damage

Key Steps

• This retrofit requires a licensed electrician.
• Your utility company may have more information on whole house surge protection.
• Your contractor may have additional ideas on how to improve the safety of your home.
• For more details about this retrofit improvement, please refer to the list of Resources in the section below.

Resources

Insurance Institute for Business & Home Safety, Lightning Protection
http://www.disastersafety.org/project?projectId=3902