HOMEOWNER REPAIR GUIDE

NATIONAL ELECTRIC CODE STANDARDS

For new construction or remodeling

MINIMUM SERVICE REQUIREMENTS

100-amp, 240-volt

CIRCUITS

LOCATION / APPLIANCE	CIRCUIT REQUIRED
Kitchen countertop appliances	At least two 20-amp countertop appliance circuits *(No lighting on these circuits)*
Dishwasher	Separate 20-amp circuit
Garbage Disposal	Separate 20-amp circuit
Electric Range	Separate 50-amp, 240-volt circuit
Laundry: Washer	Separate 20-amp circuit
Laundry: Electric Dryer	Separate 30-amp, 240-volt circuit
Remainder of House	20-amp general-purpose circuits

RECEPTACLES (OUTLETS)

1. Any wall space two feet or wider must have at least one outlet.
2. Outlets should not be spaced more than six feet apart, and no more than six feet from each door or window.
3. All counters in the kitchen or eating area that are wider than twelve inches must have at least one outlet.
4. At least one 20-amp outlet is required by the water basin in the bathroom.
5. All basements must have at least one outlet.
6. All garages must have at least one outlet.
7. The exterior of the house must have at least one outlet.

GFCI AND AFCI PROTECTION

All kitchen countertop outlets and all outlets in the bathroom, in the garage, or on the outside of the home must be protected by **ground fault circuit interrupters** (GFCIs). All new bedroom circuits must be protected by **arc fault circuit interrupters** (AFCIs).

LIGHTING

Every room, hallway, stairway, attached garage, and outdoor entrance must have at least one lighting fixture (or receptacle outlet) controlled by a switch.

Home Repair Resource center

Home Repair Resource Center empowers homeowners to maintain their homes for sustainable and diverse communities.

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