Introducing Earthquake Multi-Unit Retrofit (EMR) Grant Program!

Receive a grant of up to $49,600 toward a Multi-Unit Soft-Story Earthquake Retrofit

EARTHQUAKE MULTI-UNIT
Funds to Strengthen Residential Structures℠

The **Earthquake Multi-Unit Retrofit (EMR)** program helps property owners of multi-unit residential buildings with 5-10 units lessen the potential for seismic damage during an earthquake.

Buildings that qualify for an EMR grant:

- **are located in cities that have a mandatory, multi-unit residential soft-story retrofit ordinance;**
- **are multi-story, wood-framed, and built before 1991;**
- **are multi-unit residential buildings with 5–10 units; and**
- **have tuck-under parking on the ground floor.**

15,000
Known faults in California
California Geologic Survey

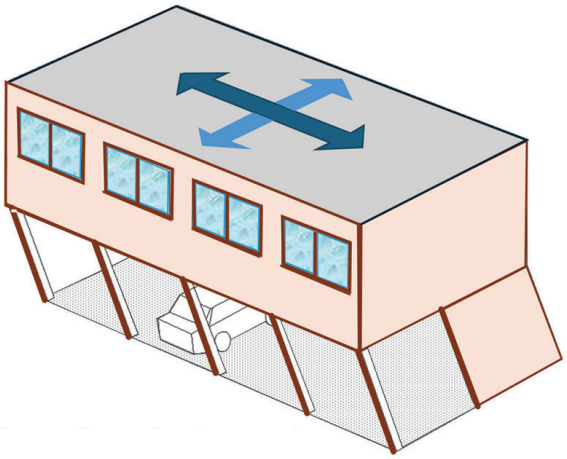
>99%
Chance of 1 or more M6.7 or greater earthquakes striking
UCERF3

$20B
Total property loss from the 1994 Northridge Earthquake
Seismic Safety Commission

Sign-up to receive information about an EMR retrofit here.

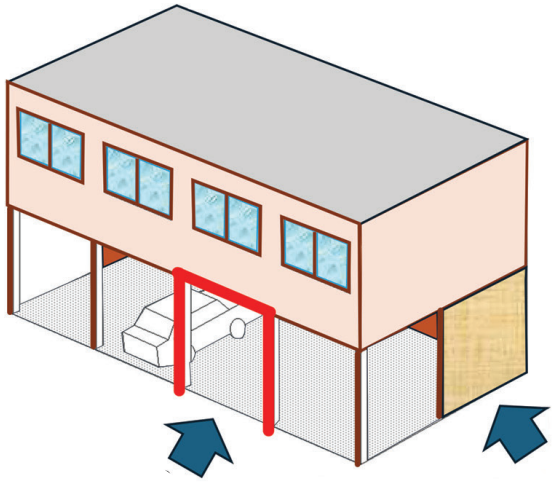
CRMP.org/EMR

Before Retrofit



Existing walls and columns do not have the stiffness or strength to support the heavy upper floors and may collapse.

After Retrofit



New steel frame

New anchor bolts and plywood sheathing on ground floor walls.



Residential structure with tuck-under parking

A multi-unit soft-story building

- typically has a large open space (garage area), with walls not braced to resist earthquake motion, or
- openings in the perimeter walls for tuck-under parking.

EMR-Eligible Cities In California

NORTHERN CA

- Albany
- Berkeley
- Mill Valley
- Oakland
- San Francisco
- San Jose

SOUTHERN CA

- Beverly Hills
- Burbank
- Culver City
- Los Angeles
- Pasadena
- Santa Monica
- Torrance
- West Hollywood

What does an EMR grant cover?

- up to $4,260 per unit, not to exceed 70% of the cost of completing the retrofit; plus
- up to $7,000, not to exceed 70% of the cost, for securing building permits and developing engineered plans.

Seismic retrofitting benefits:

- reduces the risk of injury that may result from the effects of earthquakes on wood frame soft-story buildings;
- strengthens the ground floor at the garage door or any other large openings with a steel moment frame, or other strengthening or proprietary shear elements; and
- braces the perimeter walls of the lowest story.

CALIFORNIA RESIDENTIAL MITIGATION PROGRAM

CEA CALIFORNIA EARTHQUAKE AUTHORITY™

Cal OES GOVERNOR'S OFFICE OF EMERGENCY SERVICES

The California Residential Mitigation Program (CRMP) is a joint powers authority created by the CEA and Cal OES. CRMP is a legally separate entity from its members.

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