

Power Strips

What is Certifiably Green Denver?

The Certifiably Green Denver Program provides education and recognition for environmental achievement. Our free services are available to any business in the City and County of Denver.

Certifiably Green Denver offers:

- Assessments to identify water conservation and energy-efficiency options
- Information and assistance to meet your business needs
- Public recognition for your environmental efforts

Why Participate?

Compliance - Proper management practices help minimize wastes, reduce downtime, and keep you in compliance with regulations.

Cost Savings - Less waste means lower disposal and operating costs. Efficient use of materials, water, and energy saves money.

Public Image - Superior environmental practices affect your image with customers, the community, and regulatory agencies.

Public Recognition!

Certifiably Green Denver publicly recognizes certified businesses through free advertising. This includes Internet listings and advertising in the newspaper, magazines, radio, and water bill inserts. Certified businesses receive a framed certificate and window decal.

Plug Load Energy Consumption

Due to evening hours, weekends and holidays, office buildings are typically unoccupied two-thirds of the year and plug loads account for 33% of commercial buildings energy usage. This includes items that are unnecessarily left on (due to lack of better controls, and behavior), and also “phantom” loads of energy that draw small amounts of electricity from some equipment even when the equipment is shut down. Devices which help control plug loads offer significant energy saving opportunities.

Basic Control – Power Strips

Use a power strip as a central “turn off” point when you are done using office equipment to completely disconnect the power supply. This type of control may make it easier to turn off equipment and reduce phantom loads, but still requires behavior change to realize savings.



Advanced Controls – Smart Strips

Since it's not always practical to unplug items whenever you leave your desk, "smart" power strips can effectively do so for you. There are three types of "smart" power strips to consider:

1. **Timer-equipped.** These power strips have outlets that are controlled by programmable timers. Devices plugged into them can be scheduled to automatically turn off or on at designated times of day or night.
2. **Occupancy sensing.** Occupancy sensing power strips have outlets that are controlled by a motion detector. Devices plugged into them can automatically turn off or on in response to your physical presence, or after a user-defined period of time elapses.
3. **Current sensing.** These power strips can automatically turn several outlets off or on when they detect that a monitor (plugged into the "master outlet") either enters a low powered sleep mode, is turned off, or is turned on. Used in combination with monitor power management features, these power strips can turn just about any electric device off and on automatically.

Helpful Resources

See the Certifiably Green Denver website for more helpful resource sheets:

www.denvergov.org/CGD

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<https://facebook.com/cgdenver>

Contact Information

Janet Burgesser

Program Manager

Certifiably Green Denver

200 W 14th Avenue, Dept 310

Denver, CO 80204

Phone: 720-865-5457

Fax: 720-865-5534

Email: Janet.Burgesser@denvergov.org