

energizer



Minnesota Power 30 West Superior Street Duluth, Minnesota 55802 www.mnpower.com Kelley Eldien, Editor Fall 2007

We're working today to protect our region's tomorrow.

It's a responsibility to the next generation—one that we all share. That's why, at Minnesota Power, we remain committed to producing reliable, clean energy.

We're investing more than \$260 million in our three coal-fired plants—Boswell, Laskin and Taconite Harbor—to further reduce emissions by up to 90 percent. In addition, we're expanding our wind power capabilities—enough to power 50,000 homes with pure, renewable wind.

Because tomorrow is in motion today.



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www.mnpower.com/earthfriendly

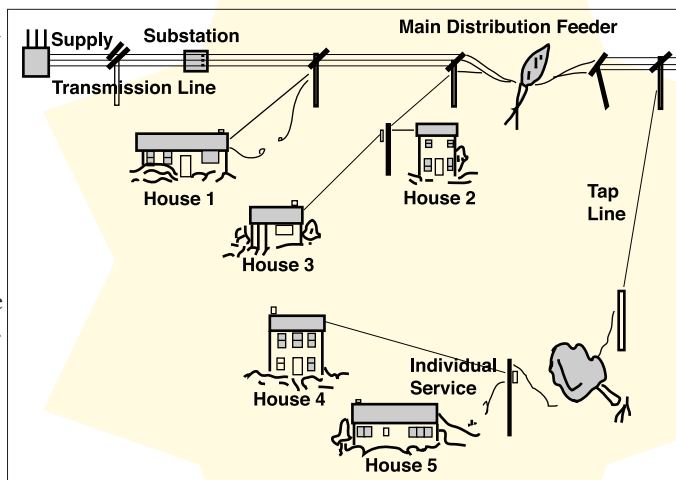
Understanding power restoration

Minnesota Power's electric system is designed to withstand harsh weather, but damaging storms with ice conditions – or high winds anytime of year – can cause outages. Our goal is to restore power to every customer in the fastest, safest manner possible. MP's priority is public safety, so crews are first sent to remove power lines from roadways. Here's a diagram and explanation of other steps needed to restore electricity:

1. Power is restored to customers on the "critical needs list" (those on respirators, infant heart monitors or other life-support equipment).
2. Trees are removed from main distribution feeders, returning power to houses 2 and 3.
3. Major distribution feeders and substations would be worked on next in a major storm.
4. After major feeders and substations are working, trees would be removed from the tap line and repairs made, restoring power to house 4.
5. Finally, individual service lines would be repaired, restoring power to houses 1 and 5.

Individual repairs are most time consuming, as it often takes several hours to erect a new pole

and repair damaged lines. Minnesota Power is responsible for getting electricity to customer meters. However, the mast on the house (a pipe containing wires that run from overhead lines to the meter) is the customer's responsibility. If your mast is damaged or torn loose from the house, you must contact an electrician to repair it before MP can restore power.



Power outage safety tips

Here are some tips to keep your family as safe as possible:

- If you spot a downed power line, keep away and call us immediately at 1-800-228-4966. All downed power lines, even if they're not moving or sparking, are dangerous and should never be approached.
- Establish a backup-power plan or temporary relocation plan if someone in your home is dependent on electric-powered medical equipment.
- Use caution if traffic lights and railroad crossing signals are not operating.

- Check on elderly neighbors or relatives.
- Do not forget your home security alarm system when an outage occurs. Do you have instructions on how to reset it when power resumes?
- Turn off air conditioners or major appliances that were running when the outage occurred to help avoid a sudden surge of power when service is restored.

Be prepared for outages by keeping emergency preparedness items and this checklist in an accessible location:

- Minnesota Power "Lights Out" phone number: 1-800-307-6937
- Phone that does not require electricity (cordless phones do not work without electricity).
- Flashlights
- Batteries
- Battery-powered radio or television
- Non-electric alarm clock
- Manufacturer's instructions on how to manually open power-operated doors
- Bottled water and nonperishable food
- Manual can opener
- First aid kit

Call for your complimentary 2008 pocket calendar

Minnesota Power's convenient 2008 pocket calendar, filled with important MP phone numbers and facts, is available by calling Tonya toll-free at 1-800-228-4966, ext. 3303. In Duluth: 722-5642, ext. 3303.

ON THE WEB

Save money and energy with the following rebates

Get a \$2 instant rebate on compact fluorescent bulbs (CFLs) through Nov. 30, 2007. Join the ENERGY STAR® Change a Light, Change the World campaign and make a difference in your community. You not only benefit the environment – you save energy and money. To learn more about energy efficient lighting and participating retailers in your area, visit: www.mnpower.com/CAL.

Receive a \$250 rebate, with a \$50 coupon, on a qualifying high efficiency furnace with an electronically commutated motor (ECM) through Feb. 28, 2008. The rebate form and coupon are available through participating contractors. For more information visit: www.mnpower.com/ecmspecial or call 1-800-677-8423.

\$40 Rebate on ENERGY STAR® qualified clothes washers. This mail-in rebate is available through Dec. 31, 2007. Visit www.mnpower.com/foundmoney for details and a list of participating retailers.

See how Minnesota Power is harnessing the power of wind



Learn about Minnesota Power's varied wind energy projects and programs through photos, video and news stories at: www.mnpower.com/wind

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