



### Energy Efficient Fuel Consumption | *Get More from Your Tank of Gas*

The choices you make as a driver can have a major impact on fuel consumption, an expense you will be paying for a long time. If you drive in fuel-efficient ways and follow the vehicle manufacturer's maintenance recommendations, you'll save money for years to come. Following are some general and seasonal tips that experts purport could save up to 20% on fuel in a year.

**Slow Down.** According to Natural Resources Canada, vehicles are the most fuel efficient when travelling between 50 and 80 kilometres an hour. Did you know that at 120 km/h, a car uses 20% more fuel than if it was going 100 km/h?

**Accelerate Smoothly.** Consistent stomping of the accelerator can increase fuel consumption by 39%.

**Avoid Aggressive Braking.** When preparing to stop, take your foot off the gas and glide to the stop location.

**Check Tire Pressure.** Underinflated tires can increase fuel consumption up to 4% and reduce the life of tires by more than 10,000 km so check tire pressure regularly.



### Seasonal Tips

In winter, your vehicle uses more fuel because cold, dry winter air is 11% denser than warm, humid summer air. The increased resistance increases highway fuel consumption by about 1.3%. Fuel consumption can increase 7% to 35% simply because of poor winter road conditions. Tips to reduce winter's toll at the pump include the following.

**Don't idle to warm up!** Idling for more than 30 seconds has no benefit for the vehicle.

**Use a block heater.** Block heaters warm your engine in advance, which reduces fuel consumption and emissions. For best results, put your block heater on a timer, set to turn on no more than 2 hours before you start the engine.

**Shut the a/c off after the windows are defrosted.** In some newer vehicles, the defrost setting automatically uses the vehicle's a/c system to keep the windows from fogging. After the windows are clear, turn the a/c off and adjust the heater settings.

In summer, it is important to know that the air-conditioning (a/c) system can increase fuel consumption by up to 20%.

**Consider turning it off.** Determine whether you really need the a/c for cooling. Just as you would at home, adjust your thermostat settings. Aim for comfortable, not cold. Also, don't use the a/c when you first start your vehicle. Instead, open the windows for the first few minutes and allow the hot air to escape.

**Let the air flow.** Use the flow-through ventilation when you're on the highway, and open your windows and sunroof while driving in the city.

**Hit the re-circulation button.** Use the "re-circulating" function of your a/c system. This uses less energy because you're cooling only the air already in your vehicle, not bringing in warmer outside air to be cooled.

For power outages, emergency power troubles and service requests, contact the distribution system operator for FENN REA: **ATCO Electric**  
Phone toll-free: 1-800-668-2248

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Phone: c/o Philip Jarmin,  
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# Do and Don'ts during Thunderstorm Season

*Thunderstorm season in Canada is identified as the months of June, July and August and following are some guidelines to get you through the season safely.*

**To plan for a safe day, check the weather forecast first.** If thunderstorms are forecast, avoid being outdoors at the time. If you must be outdoors, review your surroundings, identify safe emergency places and determine how long it will take you to reach them.

**If you are out, watch the skies for developing thunderstorms and listen for thunder.** As soon as you hear thunder, get to a safe location. If you can hear thunder, then you are susceptible to being hit by lightning. In fact, more people are struck before and after a thunderstorm than during one.

**Get to a safe place.** A safe location is a fully enclosed building with wiring and plumbing. Sheds, picnic shelters, tents or covered porches DO NOT protect you from lightning. If no sturdy building is close by, get into a metal-roofed vehicle and close all windows.

**If caught outdoors far away from shelter, stay away from tall objects.** This includes trees, poles, wires and fences. Take shelter in a low-lying area but be on the alert for other storm dangers, such as flooding.

**If you are in your car during lightning,** do not park under tall objects that could topple, and do not get out if there are downed power lines nearby. Be aware of downed power lines that may be touching your car. You

are safe inside the car, but you may receive a shock if you step outside. If you see a downed powerline, call 911 or ATCO Electric Emergency 1-800-668-5506.

**Do not handle electrical equipment, telephones or plumbing.** These are all electrical conductors. Using a computer, taking a bath or touching a metal window frame all put you at the risk of being struck by lightning – use battery operated appliances only.

**If you come across a downed power line, stay at least 10 meters (33 feet) away.** Warn others to stay away and call ATCO Electric Emergency 1-800-668-5506 or 911 and report the location.

**If you come across someone who has been struck,** call for medical assistance immediately. If breathing has stopped, you may administer mouth-to-mouth or cardiopulmonary resuscitation (CPR) as people who have been struck by lightning do not carry an electrical charge.

Remember, when thunder roars,  
**GO INDOORS!**

## Regulated Rate Option (RRO)

The RRO rate may increase or decrease from month to month as it is priced on the open market and subject to many factors relating to supply and demand. If you do not have a contract with an electricity retailer, then you receive the default RRO rate.

For June 2022, the RRO is priced at \$0.13531 per kWh, which is reflected on your enclosed bill. For July 2022, the Battle River Power Coop monthly RRO billing rate for FENN REA members is \$0.15474. The RRO rate is also listed on [www.fennrea.com](http://www.fennrea.com).

Members are free to purchase electricity services from a retailer of their choice. For a list of retailers, visit [ucahelps.alberta.ca](http://ucahelps.alberta.ca) or call 310-4822 (toll free in Alberta).

Information on FENN REA's Code of Conduct Compliance Plan can be found on our website: [www.fennrea.com](http://www.fennrea.com)