

## **TAGISH LAKE WILDERNESS LODGE** – the green, energy saving wilderness lodge!

When our log built lodge and cabins were built from **1994 through 2004** all our logs and most of the lumber was locally cut and processed at the site. This saved us and the environment **thousands of litres of gasoline and diesel**, not to mention the CO<sub>2</sub> emissions impact we saved in those years.

Long before the **Kyoto Protocol** was introduced we signed up with the “Rural Electricity Program” which was promoted by the innovative Yukon Government and we received a grant to build a PV (photo voltaic) power system at the lodge site, 27 km away from the nearest power line.

The **4x 75 Watt PV-modules** produce enough energy from Mid January – end of September to power most of our energy needs, such as deep freezers, lights in main lodge, TV and music appliances and charging of our guests video cameras and digital cameras, etc. The power inverter converts the 12 Volt solar power into 110 Volts and is rated to 2800 Watt consumption/hour. The battery bank stores all the produced power and releases it at time of needs.

As a back up we changed all our old generators into more efficient, modern low emission gasoline generators with a power range of 2000 – 4500 Watt. The 2000W Honda i2000 generator uses less than **4 dl of fuel per hour** to generate enough energy for the main lodge.

In 2008 we changed three out of four cabins from propane gas lights to PV-module lights with 10W energy from each of the panels and **1 (one) Watt LED-lights output**.

Over the years our fleet of 2-stroke outboard motors were mostly replaced by fuel efficient **4-stroke outboard engines**.

The wide range of outboard engines allow us to **choose the right size of engine** whenever we have long or short trips planned on the Tagish Lake. This has a major impact on our fuel bills at the end of the year. Over the years we annually **saved more than 25%** of the previous year’s fuel consumption.

After all we are very proud to be ahead of the game and we are more than happy to answer your questions regarding our “environmental friendly power system”.

A well known lodge in the Yukon was nominated as one of the most energy efficient lodges in Canada and was featured in CBC TV as an example in preserving energy. What CBC didn’t know or mention was that this lodge burned more than 15’000 lt. of Diesel per year to heat the warm water for the jacuzzis and showers.

**It’s time to face some real facts in Canada and hope you choose our lodge for your next – clean, environmental friendly vacation!**

