

Sakha-Torg Yakutsk, Russia

The Republic of Yakutia (Sakha), situated in northeastern Siberia, is the land of countless rivers and lakes, hundreds of glaciers and ice crusts. It is full of natural contrasts: It has the longest and coldest winters and, at the same time, the summers can be extremely hot. The Lena River, noted for its scenic beauty, is the pride of Yakutia and one of the ten largest rivers of the world. The capital of the Sakha Republic is Yakutsk.

Company Sakha-Torg, located in the Republic of Yakutia (Sakha), needed an independent and environmentally friendly source of heat and power. Reliable operation and low maintenance costs were the main factors in making the choice of installing Capstone C60 microturbines running on natural gas. Currently, five Capstone C60 MicroTurbines™ with Heat Recovery Module (HRM) produce electricity and heat for shopping malls, offices, and warehouses in the region.

This cogeneration microturbine system has proven to be safe and a clear source of heat and power in this cold region of Russia. ■



Five C60 microturbines provide electricity and heating for shopping malls, offices and warehouses in Yakutsk, Russia.