

**Non-technical summary of the project: “Lucky Spinning Energy Efficiency Project”**

The proposed project is implemented by Lucky Spinning Co., Ltd. at the Sing Buri factory in Thailand, a manufacturing plant of natural and synthetic ring spun, open-end, vortex and speciality yarns. The company decided to invest in the Air Vortex Spinning Machine, the latest innovation in the textile spinning industry. These high efficiency spinning machines will save 35% in power consumption in comparison of the traditional spinning machines.

The installation will be done in two phases. It is expected that the installation and operation of the first 50 machines will be done by the end of 2009 and 50 other machines will be installed by end of 2011. A total of 100 machines will be installed by the end of the project.

The use of energy efficient machines, which consume less power and hence draw less power from the Thai grid, avoids carbon dioxide emissions.