



“ In 2020 we will supply renewable energy to the power plants and then we will be carbon positive! ”

Six Senses took over the Evason Phuket in 2001, and remodeled it. On the technical and energy saving side the old resort were using two transformers together consuming 2,6 megawatt.

“By going through simple energy saving procedures like installing a power monitor system and setting timers to turn off garden lights during night time, we took one transformer out and brought the other one down to 1,1 megawatt,” explains Arnfinn Oines.

Expanding the concept

Six Senses was originally started by the Swedish-British couple Eva and Sonu Shivdasani, but has now turned into a chain of 13 resorts with six in Thailand, three in Vietnam, two in the Maldives, one in Oman, and one on Fiji.

Next year the Six Senses are opening five new resorts around the world, all with the same environmental aims and concept as Evason Phuket. One will open on the Thai island Koh Kood near Cambodia, and another in Vietnam.

Reusing garbage

In practical terms, Evason Phuket has recently installed a so-called bio-mass absorption chiller unit. It runs on organic material from the 64 acres parkland, which is burned in a furnace.

The organic material is garden waste such as palm leaves and bamboo and kitchen waste from for instance fruit, vegetables, and coconut shells. The soft waste is composted, and later burned in the furnace, whereas the hard waste like bamboo is cut to bits by a woodchopper and burned straightaway.

The heat from furnace then converts the waste to renewable energy through the absorption chiller. It is a unit that mixes hot air and cold air, somewhat like in a cyclone, where hot and cold air creates the storms energy.

The bio-mass runs the air-condition in the resort's 600 square meter storage building, keeping beverages from overheating and stationary like paper dry.

