Many people use energy to heat their homes at night when the outside temperature drops. By using a blanket that warms during the day and effectively preserves your body heat at night, homeowners can keep the furnace off.

**Thermally Absorbent + Radiant Body Heat Blanket**

**Inspired by Polar Bear’s natural insulation**

Adept at surviving in arctic environments with low energy consumption, Polar bears are master’s of retaining heat. Their translucent hair scatters light, but ultimately allows it to be absorbed into their black skin underneath. The hair’s emissivity in infrared wavelengths is almost nothing – meaning that it allows the bears to retain their body heat by reflecting the heat back at them. Polar bear hair is therefore a natural wavelength-selective filter: allowing most visible and some infrared light in, but reflecting back the far infrared wavelengths.