

WORLD LEADER IN STORAGE TECHNOLOGIES & CONTROL / MONITORING

► THERMAL ENERGY STORAGE BY PHASE CHANGE MATERIALS (PCM)

To reduce

- The chiller capacity by 30 to 70%
- The electricity power of the cooling production by 30% to 70%
- CO₂ emissions

To shave

- The electricity and the cooling demand over 24 hours
- The peaks on distribution networks and power plants

To shift

- Electricity consumption from peak to off-peak hours

To improve

- The environmental assessment
- The electricity consumption profile

To control

- The energy demand
- The full system with free cooling or energy recovery for domestic hot water

To optimize

- The design of the structure
- The operating of the installation

To save

- On the electricity costs
- On the maintenance and on the operating costs
- Fossil energies

Technology 100%
Smart Grids

CONTROL AND MONITORING SYSTEMS FOR INSTALLATIONS
OF AIR-CONDITIONING AND INDUSTRIAL COOLING

cristopia
ENERGY SYSTEMS