



SMART COOLING  
CHILLER TUNING  
**DATA CENTERS**  
REFERENCE LIST





# NEXT LEVEL CHILLER EFFICIENCY

FOR MISSION CRITICAL PERFORMANCE



We operate in more than 45 countries around the globe



North America | Europe | Asia | Australia



## CLIENT

## OBJECT DESCRIPTION



### DALLAS 01

Contractor – SCT

Chiller Details – York YVAA

Location – Dallas, Texas, USA

Project Execution - Blue Energy Global / Smart Cooling™



### MICROSOFT BANGALORE DATA CENTER

Contractor – Johnson Controls Ltd.

Chiller Details – York YVAA / Carrier 30XA

Location – Bangalore, India

Project Execution - Blue Energy Global / Smart Cooling™



### MSA1, MSA2 DATA CENTERS

Contractor – Blue Energy Global

Chiller details – Trane TACA

Location – Mesa, Arizona, USA

Project Execution - Blue Energy Global / Smart Cooling™



### AMAZON FRANCE DATA CENTER

Contractor - Blue Energy Global

Chiller Details – Carrier 30XA

Location - France

Project Execution - Blue Energy Global / Smart Cooling™

# NEXT LEVEL CHILLER PERFORMANCE

EXPERTISE AND  
TECHNOLOGY IN  
ADIABATIC  
PRE-COOLING

C1<sup>LEVEL</sup>



Certified quality:

- Complies with **TIER III**, **TIER IV**, **UL**, **ETL**, **ISO** and **CE** standards  
Laboratory-tested, mission-critical verified performance.
- **Fast installation** — minimal pressure drop and optimized delta for stable chiller operation.
- **T-Modular**, compact architecture — no limitations in space, location, or chiller-configuration water dosing.
- Improved chiller **COP control** — optimized coil air temperature through a precise, intelligent pre-cooling system.
- **17 years** of experience in chiller tuning with a patented high-pressure condenser pre-cooling technology designed for mission-critical environments.





## CLIENT

## OBJECT DESCRIPTION



### SBB SERBIA DATA CENTER

Contractor – SBB Serbia

Chiller Details – Uniflair

Location – Serbia

Project Execution - Blue Energy Global / Smart Cooling™



### ORANGE TELECOM Z

Contractor - Blue Energy Global

Chiller Details – Trane RTAC 500

Location – Paris, France

Project Execution - Blue Energy Global / Smart Cooling™



### TELECOM ITALIA DATA CENTER

Contractor - C/O Immobile Telecom

Chiller Details – Trane RTAF 450

Location – Italy

Project Execution - Blue Energy Global / Smart Cooling™



### VODAFONE PORTUGAL DATA CENTER

Contractor - Vodafone

Chiller Details – Trane 39CA538

Location – Portugal

Project Execution - Blue Energy Global / Smart Cooling™



# Laboratory testing “OEM” Approvals - efficiency reports



\*Fully tested pre-cooling technology, with fan pressure loss and temperature-reduction efficiency measured in OEM laboratories under controlled conditions.  
All results are independently verified and lab-tested.





## CLIENT

## OBJECT DESCRIPTION

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### VODAFONE DC SOUTH AFRICA DATA CENTER

Contractor - Vodafone

Chiller Details – York YVAA

Location – South Africa

Project Execution - Blue Energy Global / Smart Cooling™

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### TELENOR DATA CENTER

Contractor – TELENOR

Chiller Details – Carrier 30XA

Location – Serbia

Project Execution - Blue Energy Global / Smart Cooling™

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### KHAZNA DXB03 DATA CENTER

Contractor – Daikin Air Conditioning LLC

Chiller Details – Daikin EWFD

Location – Dubai, UAE

Project Execution - Blue Energy Global / Smart Cooling™

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### TATA DATA CENTER

Contractor – Trane India

Chiller Details – Trane RTAF 500

Location – India

Project Execution - Blue Energy Global / Smart Cooling™

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# Project: “Hyperscale Data Center”

London, DC



|                       |                           |
|-----------------------|---------------------------|
| CFD Analysis:         | <b>48°C / 118°F</b>       |
| Chiller Design:       | <b>38°C / 100°F</b>       |
| SC Approach:          | <b>38°C / 100°F</b>       |
| Chiller kW Cap:       | <b>378 kW</b>             |
| Water Use:            | <b>1.4 CMH / 6.16 GPM</b> |
| Total Hours Per Year: | <b>50h-100h</b>           |

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## CLIENT

## OBJECT DESCRIPTION



### UK LONDON DATA CENTER

Contractor – Blue Energy Global

Chiller Details – Trane GVAF

Location – London, UK

Project Execution - Blue Energy Global / Smart Cooling™



### KHAZNA AUH06 DATA CENTER

Contractor - Johnson Controls International

Chiller Details – York YVFA

Location – Abu Dhabi, UAE

Project Execution - Blue Energy Global / Smart Cooling™



### CISCO HQ DATA CENTER

Contractor - Johnson Controls International

Chiller Details – Carrier 30GTN

Location – Dubai, UAE

Project Execution - Blue Energy Global / Smart Cooling™



### DIGITAL REALTY DATA CENTER

Contractor – Enelp

Chiller details – Vertiv

Location – Croatia

Project Excution - Blue Energy Global / Smart Cooling™



CONTACT US

TO LEARN MORE ABOUT  
SMART COOLING TUNING SOLUTIONS  
FOR MISSION CRITICAL PERFORMANCE

# SMART COOLING

## CHILLER TUNING

watch latest video



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