



ENERGY EFFICIENCY AT INTERXION

Energy governance for engineering and operational excellence

Because energy is a core element of our service delivery our energy policy is often a differentiator in the marketplace as we gain recognition for high availability and energy efficient multi-tenant colocation data centres.

Governance of energy encompasses a number of dimensions:

- **How** we purchase energy
- **How we engineer** our facility infrastructures to grow modularly, aligning with customer demand
- **Selection** of high-efficiency components in our data centre infrastructure
- **Prudent application** of free cooling techniques in our engineering design
- **Optimisation** of how we consume energy
- **Carefully managing** PUE on a continual basis
- **Setting aggressive targets** for PUE improvement

Background

Energy is a fundamental component of the services we deliver to our customers. Stewardship of our energy consumption is essential to Interxion's market leadership and our role as a leading supplier of data centre services throughout Europe.

Core to our operational ethic is continual management of our use of energy, measured through Power Usage Effectiveness (PUE), which measures how efficiently a data centre uses energy. As an active member of industry groups focused on Green IT and energy efficiency, we strive to maximise use and support of sustainable energy sources across our European footprint.

About Interxion

Interxion (NYSE: INXN) is a leading provider of carrier and cloud-neutral colocation data centre services in Europe, serving a wide range of customers through over 45 data centres in 11 European countries. Interxion's uniformly designed, energy efficient data centres offer customers extensive security and uptime for their mission-critical applications. With over 700 connectivity providers, 21 European Internet exchanges, and most leading cloud and digital media platforms across its footprint, Interxion has created connectivity, cloud, content and finance hubs that foster growing customer communities of interest. For more information, please visit www.interxion.com

Leading through innovation

Interxion leverages intelligent application of energy management techniques with creative solutions to maximize free cooling sources. Cold aisle containment and blanking panel policies are standard for optimizing airflow management. Our use of free cooling, sea water cooling, ground water cooling and waste heat recycling to community resources have won recognition and industry awards.

Energy stewardship through sustainable and responsible approaches to energy

As a leader in the European data centre marketplace, we are committed to setting an example of environmental responsibility. In addition to innovations in engineering and diligent operations for maximising energy efficiency, Interxion supports and consumes energy from sustainable and low carbon sources to the greatest extent practical in our markets of operation.

To share our sustainability expertise more widely, we participate in the Technical Committee and the Advisory Council of The Green Grid, the leading energy efficiency and sustainability association for the data centre industry, as well as the EC Joint Research Centre on Sustainability. We've twice won the "Green IT" award for IT Operator of the year, in 2011 and in 2012.

We pioneered modular design in 2000, and we've been refining it ever since. It's a great way to match the IT capacity that's installed with the IT load, enabling us to achieve lower start-up PUE.





Over 90% of Interxion's power comes from sustainable sources, including water, solar and wind. In our German data centres we even use 100% power from renewable sources.

The Energy Strategy Group at Interxion

Interxion's focus on energy efficiency is reinforced through its Energy Strategy Group, which creates, monitors, and maintains programmes within the company to ensure energy efficiency is a component of engineering and operations activities at all levels. Interxion has been recognised in the marketplace as a leader in energy efficiency through numerous awards, industry certifications, and the trust and confidence of its energy-conscious customers.

The Energy Strategy Group within Interxion works across all countries of operation to develop, implement, and govern the energy strategy for the company. With participation and support of executive leadership, the general scope of the group includes:

1. Strategic purchasing of energy from sustainable sources
2. Continually improving our energy efficiency
3. Optimising the value of energy delivered to our Customers
4. Market leadership in energy efficiency

	Winner 2013 Green Enterprise IT Award for Facility Retrofit
	Winner Green I.T. Awards 2011 & 2012 IT Operator of the year
	Winner BroadGroup's Data Centre Awards, 2012 European Awards for Energy Efficiency in Data Centre
	Green Credentials Leadership in Energy and Environmental Design (LEED)
	ISO 14001 : 2004 The Environmental Management System (EMS) of Interxion France and Spain are in compliance with ISO 14001 : 2004 - Design, Build and Operation of Datacentres
	Member and Cofounder Uptime Institute EMEA Chapter
	Contributor The Green Grid Energy Efficiency
	Contributor EC Joint Research Centre Sustainability



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Cofounder: Uptime Institute EMEA chapter. **Founding member:** European Data Centre Association. **Patron:** European Internet Exchange Association. **Member:** The Green Grid, with role on Advisory Council and Technical Committee. **Member:** Federal Association for Information Technology, Telecommunications and New Media (BITKOM e.V.) **Contributor:** EC Joint Research Centre on Sustainability. **Member:** EuroCloud.

Interxion is compliant with the internationally recognised ISO/IEC 27001 (537141) certification for Information Security Management and ISO 22301 (BCMS 560099) for Business Continuity Management across all our European operations. © Copyright 2018 Interxion. PF-SUS-HQ-ENERGY-HQ-eng-2/18