

AKE ALMGREN

EXPERIENCE

Orkas Inc. (www.orkas.com)

Sequim, WA

Independent consulting company serving companies and institutions in the electric energy sector with a focus on how new technologies can supplement existing technologies and infrastructures.

2003 – present

President

International Battery Inc.

Allentown, Pennsylvania

2009 – 2011 (Sep)

President & CEO

Private company developing and manufacturing energy storage systems using large format prismatic lithium ion battery cells produced at the company in Allentown with a water-based manufacturing process.

Angstrom Power Inc.

North Vancouver, BC, Canada

2005 – 2006 (June)

CEO

Private company developing micro hydrogen systems for portable power. Acquired by BIC.

Capstone Turbine Corporation (NASDAQ: CPST)

Chatsworth, CA

1998 – 2003

President & CEO

- Led Capstone to become the first company with a commercial microturbine product (Dec 1998)
- Led Capstone through two rounds of private placements and the IPO (June 2000)
- Led Capstone to become the dominant market leader (by Dec 2002) achieved
 - Over 2500 units shipped
 - Over 3 million hours accumulated at customers' sites
 - An estimated market share of > 90%
 - About 40 % export

ABB Business Area Distribution Transformer (NYSE: ABB)

Raleigh, NC

1997 – 1998

Business Area Manager (President)

- Worldwide responsibility for BA Distribution Transformers
 - About \$ 800 M in revenue
 - 36 factories in 28 countries
- Led the BA to significantly improved profitability
- Developed a new global Strategy and initiated its execution

ABB Power T&D Co, Inc

Raleigh, NC

1993 (Nov) – 1997 (all year)

President

- Led the company through a turn-around
 - From a 3 digits million dollar (IBT) loss 1993 to a 2 digits million dollar profit 1997.
- Repositioned the company from Transmission focused to Distribution focused
- Expanded the company into new products and services

ABB Power Distribution

Sanford, FL

1991 – 1993

President

- Turned around Switchgear and Breaker Division
- Introduced the first arc-resistant MV switchgear in North America
- Stepped up the annual growth of ABB Control from 15 % to 30 %

Autoliv AB (NYSE: ALV)

Stockholm, Sweden

1989 – 1991

President

- Led Autoliv through a profitable expansion, geographically and by new products
- Established Autoliv in North America
- Established Autoliv in airbags

ABB Power Systems

Västerås, Sweden

1986-1988 (all year)

President and BA manager worldwide

- Worldwide leader in HVDC systems, Reactive Power and Systems Control
- Led the company from loss to profit
 - Became the captive benchmark in project management
- Led the merger and integration of ASEA's and BBC's Power System operations

ABB Distribution, Low Voltage System

Västerås, Sweden

1983 - 1986

General Manager and BU manager worldwide

- Led the Division in a turn-around
- Introduced a new motor control center product family
- Changed the Division from a captive company focus to an external customer focus

ABB

Västerås, Sweden

1970 – 1983

Specialist and Manager positions

- 1980 – 1983 one of the five original members of Percy Barnevik's personal task force
- As project manager and department manager led several project for increased manufacturing and engineering productivity

EDUCATION

PhD Engineering Sciences, Linköpings Tekniska Högskola, Sweden. 1977.
Master Degree. Mechanical Engineering. Royal Institute of Technology, Stockholm, Sweden. 1970

BOARD ASSIGNMENTS

Awesense Inc 2014 – present
PJM Interconnection LLC, Manager of the Board, 2003 – present. Vice Chairman of the Board and Chair of the Board Reliability Committee.
Active Power Inc,(ACPW) Director, 2004 – 2016. Chairman of the Board 2013-2016.
International Battery Inc, Director, 2009/3 – 2011/12.
Ensyn Corporation. Director, 2006 – 2007 .
Angstrom Power Inc, Director, 2005 – 2006/10.
Nuvonyx Inc., Director, 2003 – 2005.
Capstone Turbine Corp. (CPST), CEO and Director, 1998 - 2002
WADE (World Alliance for Distributed Energy), Edinburg, UK, Director 2002 – 2003.
CMTC (California Technology Manufacturing Center), Los Angeles, Director, 2002 – 2003.
NEMA (National Electrical Manufacturers Association), Washington DC. Governor of the Board 1996 – 1998.

ADVISORY BOARD and ADVISOR ASSIGNMENTS.

Department of Energy Electricity Advisory Council (DOE EAC) 2014 - present	Member
RMI/eLab 2012 – present	Advisor
3P International Energy, 2010-2010	Advisory Board
ICX Technologies, 2006 – 2007	Advisory Board.
Nuvonyx Inc, 2005 – 2007.	Advisory Board
Current Technologies Inc, 2003 – 2006	Advisory Board.
HOT/SHOT Radar Inspections, 2003 – 2006.	Advisory Board.
Infinia Corporation, 2003 – 2010	Advisory Board

INTELLECTUAL ESTATE

U.S. Patent 8,362,380 B2	Current Isolation Contactor.
U.S. Patent 6,281,596	Automatic Turbogenerator Restarting Method and System

PUBLICATIONS RELATED TO DISTRIBUTED ENERGY

“Microturbines - An Introduction to a New Energy Technology”, 2003
“Energy Endurance”, World Energy Vol 7, Number 2 - 2004
“Free Fuel: Too Good to be True?”, World Energy Vol 6, Number 1 - 2003
“Lessons Learned, or Are They?” World Energy Vol 5, Number 2 - 2002
“Power When and Where You Need It, Clean and Simple”, World Energy Vol 4, Number 1 - 2001

ARTICLES/BLOGS ABOUT ENERGY MATTERS

www.orkas.com

