

## Mr. Pekka Iso-Herttua

Date of birth: 21 November 1947  
Nationality: Finnish



### EDUCATION

**1973** B. Sc. (Power Plant), Helsinki Institute of Technology  
**1969** Technician (Electricity), Pori Technical School

### EXPERIENCE

**2009 – 2011** Senior Specialist, Project Manager: District Heating, Cooling and Automation, HelenEngineering, Helsingin Energia, Finland  
**2001 – 2008** Business Unit Manager of District Heating Engineering, Helsingin Energia, Finland  
**1984 – 2001** Head of Electrical and Automation Group, Helsingin Energia, Finland  
**1974 – 1983** Planning Engineer, Electrical and Automation Group, Helsingin Energia, Finland  
**1970 – 1973** Trainee, Electrical Engineering, Helsingin Energia, Finland

### PROJECT MANAGER

**2007 – 2009** District Heating Pumping Station, Olari, Fortum Oyj, Espoo, Finland  
District Heating Pumping Station, Laajalahti, Fortum Oyj, Espoo, Finland  
District Heating Station (reduction heat exchanger, 160 MW), Lahti Energy, Finland  
**2005 – 2009** District Cooling Accumulator, Turku Energy Oy, Finland  
Naantali – Turku Tunnel Condition Survey, Turku Energy Oy, Finland  
**2002 – 2008** Steam Station Modernisation, Helsingin tekstiilipalvelu, Helsinki, Finland - Burner, Automation and Process  
**2007** District Heating Station Modernisation (6 x 40 MW), Patola, Helsinki, Finland - Automation, Electrification and Burners (natural gas / fuel oil)  
**2007** Sea Water District Cooling Pumping Station (45 MW), Suvilahti, Helsinki, Finland

<b>2006</b>	Underground Heat Pump Station (district heating 5 x 18 MW, district cooling 5 x 12 MW), Katri Vala, Helsinki, Finland
<b>2004 – 2006</b>	Underground District Cooling Station (8 x 3,5 MW), Salmisaari, Helsinki, Finland
<b>2004 – 2005</b>	Steam Station (1 MW), Viikki, Helsinki, Finland
<b>2004</b>	District Heating Station Modernisation (2 x 28 MW), Jakomäki, Helsinki, Finland - Automation and Electrification
<b>2002</b>	District Heating Station Modernisation (4 x 70 MW), Ruskeasuo, Helsinki, Finland - Automation and Electrification
<b>2001 – 2004</b>	Transportable District Cooling Station (9 pieces, together 9,2 MW), Helsinki, Finland
<b>2001</b>	District Cooling Station (2 x 3,5 + 3 MW), Salmisaari, Helsinki, Finland
<b>2001 – 2007</b>	Heat Exchanger Station (3 pieces, together 390 MW), Helsinki, Finland

## PROJECT EXPERIENCE

<b>1998 – 2011</b>	District Cooling network and all Cooling Stations in Helsinki, Finland
<b>1984 – 2001</b>	District Heating Pumping Station (12 pieces), Helsinki, Finland Heat Exchanger Station (60 MW), Helsinki, Finland Multi-Use Tunnel (6 pieces, together 36 km), Helsinki, Finland
<b>1977 – 1995</b>	District Heating Station (2 x 120 + 2 x 47 MW), Lassila, Helsinki, Finland
<b>1989</b>	District Heating Station (3 x 40 MW), Vuosaari, Helsinki, Finland
<b>1986</b>	District Heating Station (1 x 170 MW), Salmisaari, Helsinki, Finland
<b>1981 – 1983</b>	District Heating Station (6 x 40 MW), Patola, Helsinki, Finland
<b>1979 – 1980</b>	District Heating Station (2 x 120 MW), Myllypuro, Helsinki, Finland
<b>1978</b>	District Heating Station (3 x 40 MW), Salmisaari, Helsinki, Finland
<b>1974 – 1983</b>	Electrical Instrumentation and Grounding System Planning, Hanasaari B Power Plant (2 x 321 MW), Helsinki, Finland Electrical and Automation Planning of Aid Processes, Salmisaari B Power Plant (504 MW), Helsinki, Finland District Heating Pumping Station (5 pieces), Helsinki, Finland Heat Exchanger Station (40 MW), Helsinki, Finland
<b>1972 – 1973</b>	District Heating Station (4 x 70 MW), Ruskeasuo, Helsinki, Finland

## **OPERATION TESTS**

**2008 – 2009**

District Heating Station (6 x 40 MW), Patola, Helsinki, Finland

District Heating Station (6 x 40 MW), Munkkisaari, Helsinki, Finland

## **LANGUAGES**

Finnish: Native

English: Good

Swedish: Good

German: Basics