

Fuji Electric's Energy-Related Businesses

Fuji Electric is contributing to the creation of responsible and sustainable societies through its five business segments, namely Power and Social Infrastructure, Industrial Infrastructure, Power Electronics, Electronic Devices, and Food and Beverage Distribution, which are based on its core electric and thermal energy technology.

Power and Social Infrastructure

By integrating environmentally friendly electric power plants and energy management, Fuji Electric will contribute to the realization of smart communities.

Subsegments	Main Business Areas
Power Plant	Thermal / Geothermal / Hydraulic power generation facilities
	Solar power generation systems
	Fuel cells
Social Engineering Systems	Energy management systems
	Watt-hour meters, Smart meters
Social Information	Information systems



Steam turbines



Fuel cells



Cluster energy management systems



Smart meters

Industrial Infrastructure

Fuji Electric supplies diverse customers in the fields of industry with “energy savings” and “lifecycle services” for production lines and infrastructure equipment.

Subsegments	Main Business Areas
Transmission and Distribution	Substation equipment, Industrial power supply facilities
Industrial Plants	Industrial drive systems, Plant control systems
	Industrial energy management systems
	Data centers
Industrial Measurement Equipment	Controllers, Measuring instruments and sensors
	Radiation monitoring systems
Equipment Construction	Electrical and air conditioning equipment installation



Substation equipment



Industrial drive systems



Monitoring control systems



Measuring instruments

Power Electronics

Fuji Electric supplies products that incorporate power electronics technology to improve the efficiency and stability of energy.

Subsegments	Main Business Areas
Drive	Inverters / Servo systems, Motors
	Transport systems
Power Supply	Uninterruptible power systems (UPS)
	Power conditioning sub-systems
	Switchboards
ED&C Components	Power distribution and control equipment



General-purpose inverters



Uninterruptible power systems (UPS)



Power conditioning sub-systems



Magnetic switches

Electronic Devices

Fuji Electric supplies power semiconductors and other essential electronic devices to the fields of industrial equipment, automobiles, information equipment, and new energy.

Subsegments	Main Business Areas
Semiconductors	Power semiconductors
	Photoconductors
Magnetic Disks	Magnetic disks



High-power IGBT modules



SiC modules



Power MOSFETs



Magnetic recording media

Food and Beverage Distribution

With our freezing technology at the core, Fuji Electric integrated mechatronic technology and IT to offer optimal products and solutions to our customers.

Subsegments	Main Business Areas
Vending Machines	Beverage, food and goods vending machines
Store Distribution	Stores and distribution systems
	Showcases
	Currency handling equipment



Canned beverage vending machines



Food and goods vending machines (Chinese and Asian market models)



Freezers and refrigerated showcases



Automatic change dispenser