MITSUBISHI POWER

COMPANY PROFILE

Mitsubishi Power, Ltd.

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power.mhi.com

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VEGETABLE OIL INK

MP43-00CC01E1-A-0, (10.0)20-9, ZTP

MOVE THE WORLD FORWARD MITSUBISHI HEAVY INDUSTRIES GROUP

Top Message

Creating a future that works for people and the planet by developing innovative power generation technology and solutions

The global energy sector is rapidly changing. Around the world, there are initiatives to ramp up decarbonization of power systems, develop new digital technologies and significantly transform the energy mix. Through it all, Mitsubishi Power has brought to market solutions that are reliable, efficient and economical, while also achieving high environmental performance.

As a company, we are committed to addressing the various needs of our customers, by designing equipment to handle various types of fuel, maintaining output flexibility as more renewables enter the market, and optimizing operations and maintenance through deep technologies such as AI and IoT. At the same time, we continue to accelerate our global efforts to help provide reliable, accessible and affordable electricity for all.

Mitsubishi Power is creating a future that works for people and the planet by developing innovative power generation technology and solutions to enable the decarbonization of energy and deliver reliable power everywhere.

President and CEO
Ken Kawai

State-of-the-Art Power Plants that Help Supply Electricity to the World

Mitsubishi Power supplies a variety of power plants in accordance with application and scale.
These plants have been rated highly for their outstanding reliability, operability, and ease of maintenance in particular, which has resulted in an extensive proven record around the world.


Kawasaki Thermal Power Station (Japan)
JERA Co., Inc.


Boxberg Power Plant (Germany)
Vattenfall


Nakoso Power Plant (Japan)
Joban Joint Power Co., Ltd.


Hellisheidi Geothermal Power Plant (Iceland)
Reykjavik Energy

GTCC

Highly Efficient Energy via Combined Cycle Power Generation

Gas Turbine Combined Cycle (GTCC) power plants utilize fossil fuels to deliver the cleanest and most efficient power generation possible. In addition to the power generated by a gas turbine, the system also incorporates a steam turbine to utilize exhaust heat in achieving optimal power-generation efficiency.
Plants employing Mitsubishi Power's state-of-the-art J-series gas turbines have about 30% higher power generation efficiency than conventional coal-fired thermal power generation systems, and have the potential of achieving the world's highest level of efficiency at 64% or more. In addition, GTCC power plants enable CO_2 emissions to be reduced by around 50%.

Steam Power

Several Types of Fuel Are Applicable to High Efficiency Power Generation Plant

Steam power plants generate electricity utilizing not only fossil fuels but also a variety of other types including biomass, by-product gas, and oil pitch to generate electricity.
Mitsubishi Power has an extensive record in terms of high-efficiency ultra-supercritical pressure boilers and steam turbines with an output of over 1,000 MW. Mitsubishi Power also have developed unique technologies that enable the efficient burning of lignite (low-grade coal), which is generally difficult to use due to its high water content, and leads the world in technologies for clean emissions in steam power plants.

IGCC

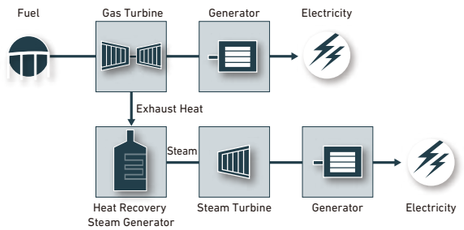
Highly Efficient, Clean Power Utilization Based on Coal Gasification

The Integrated coal Gasification Combined Cycle (IGCC) system is a next-generation power generation system with significantly enhanced power generation efficiency and environmental performance due to its combination of coal gasification via a gasifier with a Gas Turbine Combined Cycle (GTCC) system. Large IGCC systems can improve power generation efficiency by approximately 10-15% and reduce CO_2 compared to conventional coal-fired thermal power systems.
Mitsubishi Power has two types of coal gasification technologies—namely, air-blown and oxygen-blown—and leads the world in terms of technological capability.

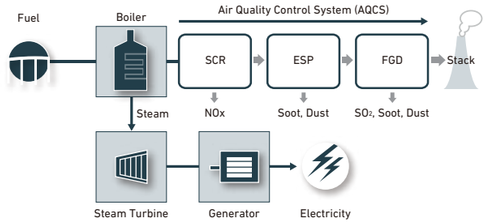
Geothermal

Utilizing Natural Energy with Cutting-Edge Power Generation Technologies

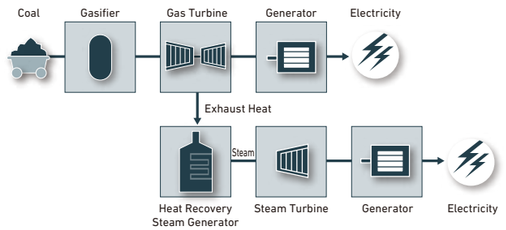
Geothermal power generation refers to a system of generating high-efficiency, clean power by extracting heat energy from the ground in its natural state.
Mitsubishi Power was the first in the world to apply a combined system that consists of a two-phase flow transportation system and a double-flash cycle, which has now been applied to geothermal power generation worldwide. Our geothermal power generation systems have achieved the world's top delivery record.



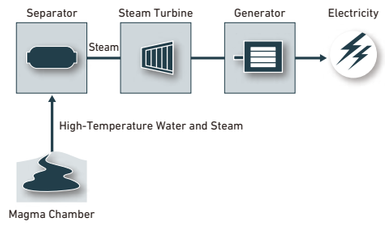
Gas Turbine Combined Cycle Power Plants (GTCC)



Steam Power Plants



Integrated coal Gasification Combined Cycle Power Plants (IGCC)



Geothermal Power Plants

Products

Gas Turbines

We have a wide range of gas turbines to respond to diverse needs, including everything from turbines in the 30-MW class to turbines in the 560-MW class. Up until now, we have delivered more than 1,500 units in over 50 countries, including aero-derivative gas turbines, gas turbines for power-generation, and gas turbines for industrial use.

Steam Turbines

We manufacture and deliver a wide variety of steam turbines, including everything from small single-cylinder turbines for industrial use to large turbines for nuclear power. Of these, the large turbines can handle any combination of power (thermal power / nuclear power) and frequency (50 Hz / 60 Hz), and have the capability of handling over 1,000 MW.

Boilers

We have unique combustion technologies for handling diverse types of fuel, including coal, heavy oil, biomass, natural gas, and other fuel gas. In addition, we have boiler technologies that can handle high steam temperatures of over 600°C, which makes it possible to achieve high efficiency.

Environmental Equipment

Our environmental equipment helps to clean up air pollutants emitted by thermal power plants, thereby reducing the environmental burden. Our extensive results in this field include over 1,400 SCR systems for removing NOx (nitrogen oxides), 300 FGD systems for removing SO_2 (sulfur dioxide), and over 3,200 ESP (electrostatic precipitators) for removing soot and dust.

Generators

We provide highly efficient turbine generators that employ a range of cooling systems, such as air cooling, hydrogen cooling, and water cooling generators. In addition, we provide special generators that include synchronous condensers intended to achieve power-system stabilization as well as short-circuit generators for laboratories and institutes.

Control Systems

We deliver control systems that offer optimal reliability and operational rates, and that are designed to bring out the full potential of machinery. In conjunction, we provide responsive service solutions related to long-term maintenance support, linkage with AI and the cloud, functional safety, and cyber security.

Mitsubishi Power's Technological Development:
Toward a Future of Brighter and Safer Energy

To advance toward a future of brighter and safer energy, Mitsubishi Power is developing power generation technologies that simultaneously achieve a stable supply of power, economic efficiency, and a reduced environmental burden, including CO_2 emissions. In addition to further increasing the efficiency of our world-leading large-capacity power generation, we are actively working on responding to the increasing need for distributed power generation as well as handling new fuels that impose little environmental burden.

Reducing CO_2 with the World's Leading Level of Efficiency

Large Gas Turbines

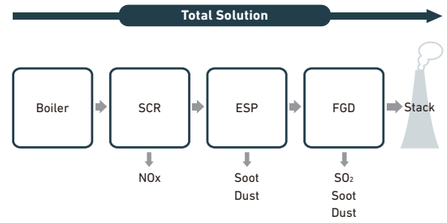
Mitsubishi Power develops cutting-edge gas turbines by incorporating the latest advances in aerodynamics, cooling design, and material technologies. Our state-of-the-art JAC gas turbine have achieved a turbine-inlet temperature of 1,650°C and a power generation efficiency of 64% or more. We have a power plant for verification tests at Takasago Works (in Takasago City, Hyogo Prefecture), and we completed new facility (T-Point 2) for long-term validation of JAC gas turbine in 2020. We provide highly efficient, highly reliable products that are backed by many years of operational experience.

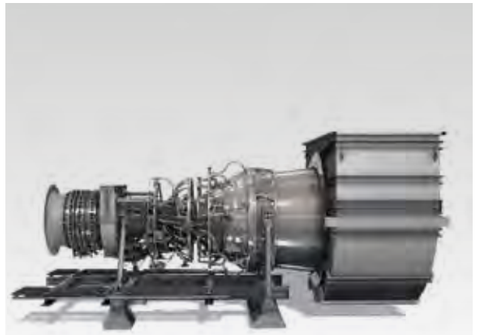
The World's No.1 Share of the Flue Gas Desulfurization (FGD) Market

Air Quality Control Systems (AQCS)

An Air Quality Control System (AQCS) is a system for cleaning up gas emitted by thermal power plants through the combination of a selective catalyst reduction (SCR) system for removing NOx, an electrostatic precipitator (ESP) for removing soot and dust, and a flue gas desulfurization (FGD) system for removing SO_2. Mitsubishi Power has the world's No.1 share of the FGD market, and we have utilized our technologies to jointly develop an FGD system for ships with Mitsubishi Shipbuilding.

Hirono Thermal Power Station (Japan), JERA Co., Inc.

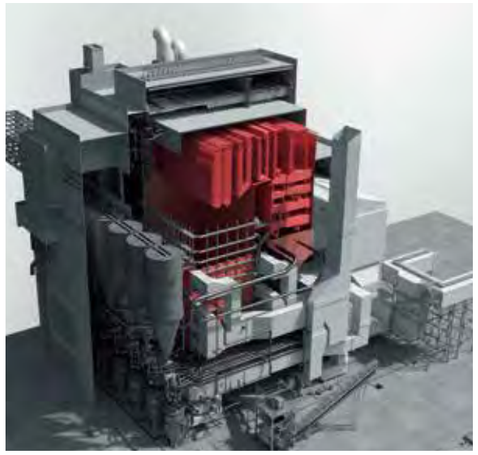




Backing Up Renewable Energy

Aero-Derivative Gas Turbines

PW Power Systems, Mitsubishi Power group company, is developing and selling aero-derivative gas turbines to which aircraft jet-engine technologies have been applied to enable a rapid startup time of five minutes or less. These turbines boast outstanding energy-saving performance and load-following capability, are environmentally friendly, and are regarded as an important auxiliary power source for renewable energy, for which the power-generation amount is easily affected by the weather. In addition, due to the durability and refined modular design of our aero-derivative gas turbines, they make it possible to shorten the construction period and achieve mobile power generation (container-type systems and barge power generation), for which they are attracting attention as a maintenance-free power source suitable for emergency situations, natural disasters, etc.



Reducing Coal-Derived CO_2 Emissions

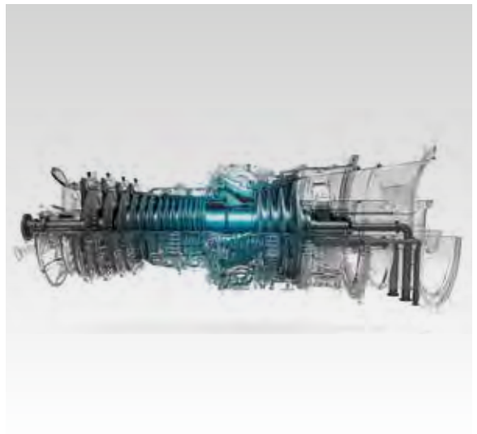
Biomass-Fired / Multi-Fuel Boilers

Mitsubishi Power has developed combustion technologies that allow the use of biomass fuels in coal fired boilers, and now have numbers of operating references.
We enable the utilization of biomass fuel as a carbon-neutral solution to reduce coal-derived CO_2 emissions from coal-fired steam power plants.
By applying our combustion technologies to newly developed plants, or by retrofitting existing coal-fired boilers, we enable our clients to use biomass fuel as either a primary or complementary, or blended source.

Next-Generation Power Generation that Does Not Emit CO_2

Hydrogen Gas Turbines

Mitsubishi Power is working on the development of power-generation technologies for handling new types of fuels that reduce CO_2 emissions. Hydrogen has gained popularity as a fuel that does not emit CO_2 when burned. Mitsubishi Power has successfully tested a large-scale turbine that uses a 30% hydrogen fuel mix. The test results confirmed that by using Mitsubishi Power's proprietary burner, which was newly developed to burn hydrogen, stable combustion can be attained even when hydrogen is mixed with natural gas. We will accelerate the development of hydrogen-fueled gas turbines to achieve 100% hydrogen power generation.



Clean, Distributed Power Generation

Fuel Cells (SOFC)

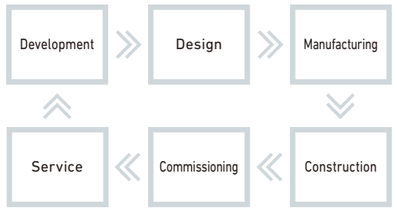
In 2017, Mitsubishi Power launched a new pressurized hybrid power generation system that integrates solid oxide fuel cells (SOFC) with micro gas turbines (MGT) as an effective distributed power generation / cogeneration system option. The system boasts a total efficiency of over 70%, reduces CO_2 emissions compared to conventional cogeneration systems by approximately half, and is expected to be used for a wide range of applications, including private power generation for buildings, hospitals, and plants.

Total Solutions that Include Product / Technology Development, Design, Construction, and Service

Mitsubishi Power provides Engineering, Procurement, and Construction (EPC) as “turn-key” solutions for customers.

Mitsubishi Power is one of the few contractors capable of delivering self-developed products, accompanied with fully integrated EPC* solutions.
Mitsubishi Power is able to manage complex, large-scale projects within a vastly integrated organization, in which all activities are conducted in a consistent and harmonized manner with a continuous flow of information and a standardized quality control and project management system.
Mitsubishi Power continues to be dedicated in contributing to the stable supply of electric power and the reduction of environmental impact all around the world.

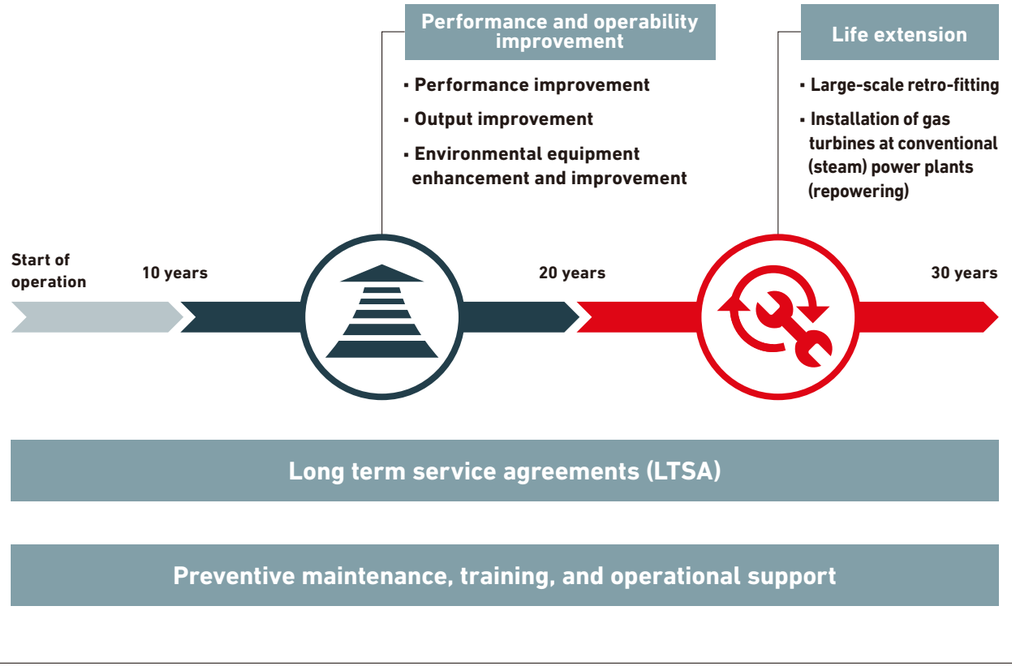
* EPC: Engineering, Procurement, Construction



Providing Optimal Service According to the Plant Life Cycle

To ensure a stable power supply in line with constantly changing market needs and environmental requirements, we provide a wide range of services, optimized to accommodate customer needs, at every stage of the plant life cycle.
In addition, throughout the entire life cycle, we provide operational support and a full range of maintenance and repair services, ensuring full utilization of cutting-edge ICT (information and communications technology), preventive equipment maintenance, human resource development, rapid recovery support, and long term service agreements (LTSA), to meet the diverse needs of our global customer base.

Service Lineups Suitable for Each Life Cycle Stage



Digital Solutions, Applying the Latest AI and IoT Technologies

Mitsubishi Power provides digital solutions for a wide range of plants, including those used for grid-level power generation and industrial applications.
Mitsubishi Power's digital solutions can be customized to work with customers' existing platforms, thus contributing to O&M optimization as well as improvements in plant performance and operability.

Delivery Results

Mitsubishi Power's products have been rated highly, particularly on account of their reliability, ease of maintenance, and economical attributes, and have received a great deal of support from users in various countries and regions of the world. Some of our product delivery results over the years are outlined here.

Gas Turbine Combined Cycle (GTCC) / Gas Turbine Power Plants

1 **a.** Tohoku Electric Power Co., Inc.
b. Shin-Sendai Thermal Power Station Unit 3 (Japan)
c. 980 MW
d. 2015 / 2016

2 **a.** Tohoku Electric Power Co., Inc.
b. Niigata Thermal Power Station Group 5 (Japan)
c. 109 MW
d. 2011

3 **a.** JERA Co., Inc.
b. Kawasaki Thermal Power Station Group 1, 2 (Japan)
c. 3,420 MW
d. 2009 / 2016

4 **a.** The Kansai Electric Power Company, Incorporated
b. Sakaiko Thermal Power Station Units 1-5 (Japan)
c. 2,000 MW
d. 2009 / 2010

5 **a.** Gulf JP NS Company, Limited
b. Nong Saeng Power Plant (Thailand)
c. 1,600 MW
d. 2014

6 **a.** Sonelgaz
b. Algeria
c. 1,350 MW (FT8MP x 54)
d. 2011 / 2014 / 2015 / 2017

a. Client **b.** Plant (country)
c. Generating power **d.** Start Up

Environmental Plants

Selective Catalyst Reduction (SCR)

7 **a.** JERA Co., Inc.
b. Joetsu Thermal Power Station Units 1-1 / 1-2 (Japan)
c. 1,190 MW
d. 2012 / 2013

8 **a.** Xcel Energy
b. Allen S. King Generating Station (U.S.A.)
c. 598 MW
d. 2007

Flue Gas Desulfurization (FGD)

9 **a.** JERA Co., Inc.
b. Hitachinaka Thermal Power Station Unit 2 (Japan)
c. 1,000 MW
d. 2013

10 **a.** Electric Power Development Co., Ltd.
b. Tachibanawan Power Station Unit 1 (Japan)
c. 1,050 MW
d. 2000

a. Client **b.** Plant (country)
c. Generating power **d.** Start Up

Steam Power Plants

11 **a.** JERA Co., Inc.
b. Hitachinaka Thermal Power Station Units 1, 2 (Japan)
c. 2,000 MW
d. Bituminous coal / Subbituminous coal
e. 2003 / 2013

12 **a.** ENEA Wytwarzanie S.A.
b. Kozienice Thermal Power Plant Unit 11 (Poland)
c. 1,075 MW
d. Bituminous coal / Subbituminous coal
e. 2017

13 **a.** Vattenfall
b. Boxberg Power Plant (Germany)
c. 670 MW
d. Lignite
e. 2012

14 **a.** Capital Power Corporation / TransAlta Corporation
b. Genesee Power Generating Station Phase 3 (Canada)
c. 495 MW
d. Bituminous coal
e. 2005

15 **a.** PT Paiton Energy
b. Paiton III Thermal Power Plant (Indonesia)
c. 866 MW
d. Subbituminous coal
e. 2012

16 **a.** NIPPON STEEL CORPORATION
b. Oita Works (Japan)
c. 330 MW
d. Coal, by-product gas
e. 2002

a. Client **b.** Plant (country)
c. Generating power **d.** Fuel
e. Start Up

Geothermal Power Plants

17 **a.** Reykjavik Energy
b. Hellisheidi Geothermal Power Plant (Iceland)
c. 250 MW
d. 2006-2011

18 **a.** Kyushu Electric Power Co., Inc.
b. Hatchobaru Power Plant Units 1, 2 (Japan)
c. 110 MW
d. 1977 / 1990

19 **a.** Kenya Electricity Generating Company Limited
b. Olkaria II Power Station (Kenya)
c. 105 MW
d. 2003 / 2010

20 **a.** Instituto Costarricense de Electricidad
b. Miravalles III Power Station (Costa Rica)
c. 27 MW
d. 2000

a. Client **b.** Plant (country)
c. Generating power **d.** Start Up

Global Network

(As of September 2020)

China: Shanghai
Mitsubishi Power (China)

China
8
Companies

China: Hangzhou
Mitsubishi Power (Hangzhou) Environmental Equipment

Philippines Batangas
Mitsubishi Power (Philippines)

Europe
8
Companies

UK: London
Mitsubishi Power Europe

Near and Middle East
3
Companies

India: Hazira
L&T-MHI Power Boilers

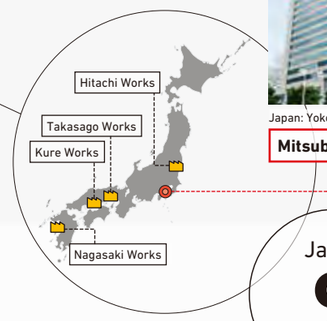
India: Hazira
L&T-MHI Power Turbine Generators

Africa
4
Companies

Singapore
Mitsubishi Power Asia Pacific

Asia
(other than Japan and China)
12
Companies

Oceania
1
Company



Japan: Yokohama
Mitsubishi Power (Head Office)

Japan
9
Companies

Regional Headquarters

Main Manufacturing Bases

Area
No. of Main Sites

North America
12
Companies

U.S.A.: Savannah
Savannah Machinery Works

U.S.A.: Lake Mary
Mitsubishi Power Americas

U.S.A.: Orlando
Orlando Service Center

Central America South America
13
Companies

Brazil: Jundiai
CBC Industrias Pesadas

Main Manufacturing Bases

Japan


Nagasaki Works


Kure Works


Takasago Works


Hitachi Works

India


L&T-MHI Power Boilers


L&T-MHI Power Turbine Generators

Philippines


Mitsubishi Power (Philippines)

U.S.A.


Savannah Machinery Works

Mitsubishi Power, Ltd.

Works	Overseas Offices
Hitachi Works	Moscow Representative Office (Russia)
Takasago Works	Basra Branch (Iraq)
Kure Works	Middle East and North Africa (MENA) Branch (U.A.E.)
Nagasaki Works	Kuwait Branch
	Doha Branch (Qatar)
	Taipei Branch (Taiwan)

Group Companies

Japan

Mitsubishi Power Precision Casting Co., Ltd.
Mitsubishi Power Environmental Solutions, Ltd.
Mitsubishi Power Industries Co., Ltd.
MHI Power Engineering Co., Ltd.
Mitsubishi Power Inspection Technologies, Ltd.
MHI Power Control Systems Co., Ltd.
Mitsubishi Power Maintenance Service, Co., Ltd.
CECYLLS Co., Ltd.

Group Companies

Europe, Near and Middle East, Africa

UK
Mitsubishi Power Europe, Ltd.

Belgium
PW Power Systems Europe SPRL

Germany
Mitsubishi Power Europe GmbH
Meeraner Dampfkesselbau GmbH
Babcock Fertigungszentrum GmbH

Italy
ATLA S.r.l.

Romania
MHI Power Romania SRL

Russia
PW Power Systems CIS LLC

Algeria
PWPS Algeria LLC

Egypt
MHI Power Egypt, LLC.

Saudi Arabia
Mitsubishi Power Saudi Arabia, Co.

U.A.E.
MHI Power Middle East, L.L.C.
MHI Power Middle East for Manufacturing Parts and Machinery, LLC

South Africa
MHI Power ZAF (Pty) Ltd.
Mitsubishi Power Africa (Pty) Ltd.

Asia, Oceania

India
Mitsubishi Power India Private Limited
L&T-MHI Power Boilers Private Ltd.
L&T-MHI Power Turbine Generators Private Ltd.

Singapore
Mitsubishi Power Asia Pacific Pte. Ltd.

Thailand
Mitsubishi Power (Thailand) Ltd.
EGAT Diamond Service Co., Ltd.

Indonesia
PT. Mitsubishi Power Indonesia
P.T. Power Systems Service Indonesia

Philippines
Mitsubishi Power (Philippines) Inc.
MHI Power (Philippines) Plant Services Corporation
MHI Power Technical Services Corporation

China
Mitsubishi Power (China) Co., Ltd.
Mitsubishi Heavy Industries Dongfang Gas Turbine (Guangzhou) Co., Ltd.
MHI Power Jieneng (Qingdao) Steam Turbine Co., Limited
Mitsubishi Power Gas Turbine Engineering Technology (Nanjing) Co., Ltd.
MHI Power Dalian Electricity Equipment Co., Ltd.
Mitsubishi Power (Hangzhou) Environmental Equipment Co., Ltd.
MHI Power Dongfang Boiler Co., Ltd.
PW Power Systems (Beijing) Management and Consulting Ltd.

Korea
MH Power Systems Korea, Ltd.

Australia
Mitsubishi Power Australia Pty. Ltd.

North America, Central America, South America

U.S.A.
Mitsubishi Power Americas, Inc.
MHI Power Florida LLC
Mechanical Dynamics & Analysis LLC
Power Generation Services, Inc.
Mohawk Labor Services, LLC
PW Power Systems LLC
PW Power Systems International LLC
Energy Services LLC
Wood Group Pratt & Whitney Industrial Turbine Services, LLC
Oriden LLC
Advatech, LLC

Canada
Mitsubishi Power Canada, Ltd.

Mexico
Mitsubishi Power de Mexico, S.A. de C.V.
MHI Power de Mexico, S.A. de C.V.
Mechanical Dynamics & Analysis de Mexico, S.A. de C.V.

Puerto Rico
MHI Power Puerto Rico, LLC.

Barbados
MD&A International Incorporated

Venezuela
MHI Power de Venezuela, C.A.

Colombia
MHI Power Colombia S.A.S.

Ecuador
MHI Power Ecuador CIA. LTDA.

Brazil
MHI Power America Latina EIRELI
CBC Industrias Pesadas S.A.

Chile
MHI Power Chile SpA

Argentina
MHI Power Argentina S.R.L.
PW Power Systems Argentina S.R.L.

History and Development

1850

Mitsubishi Heavy Industries, Ltd.

Yataro Iwasaki (Photo by The Mitsubishi Archives)

1884 **Mitsubishi Heavy Industries established**
(Lease of Government-Owned Nagasaki Shipyard)

1900

1908 **Completed first steam turbine** [0.5 MW]

1950

1963 **Completed first gas turbine**
(Chiba Plant, Asahi Glass Co., Ltd. [12 MW])

1980 **Completed conventional power plant**
(Hartha Thermal Power Station, Iraq [200 MW x 4 units])

1984 **Completed world's highest efficiency and largest Gas Turbine Combined Cycle (GTCC) power plant**
(Higashi Niigata Thermal Power Station Group 3,
Tohoku Electric Power Co., Inc. [1,090 MW])

1988 **Completed first H-25 series gas turbine**
Tokuyama Refinery, Idemitsu Kosan Co., Ltd. [25 MW class])

1990 **Completed world's first double flash cycle geothermal power plant**
(Hatchobaru Power Plant Unit 2, Kyushu Electric Power Co., Inc. [55 MW])

1997 **Developed world's highest efficiency 1,500°C class G-series gas turbine**
[330 MW]

2000

2000 **Completed ultra-supercritical pressure coal-fired conventional power plant**
(Tachibanawan Power Station Unit 2,
Electric Power Development Co., Ltd. [1,050 MW 600 / 610°C])

2010 **Started commercial operation of first H-100 series gas turbine**
(Shin Oita Power Station Group 1, Kyushu Electric Power Co., Inc. [115 MW x 6 units])

2011 **Developed world's highest efficiency 1,600°C class J-series gas turbine**
Started commercial operation at demonstration unit at power plant [389 MW]

2013 **Started commercial operation of an Integrated coal Gasification Combined Cycle (IGCC) power plant**
(Nakoso Power Plant Unit 10, Joban Joint Power Co., Ltd. [250 MW])

2014
February: **Established Mitsubishi Hitachi Power Systems, Ltd. following integration of thermal-power generation systems businesses of Mitsubishi Heavy Industries, Ltd. and Hitachi, Ltd.**
October: **Merged with Babcock-Hitachi K.K.**

2016 **December:** **Launched JAC-series Gas Turbines**

Received an order for a global state-of-the-art Integrated coal Gasification Combined Cycle (IGCC) power plant
(Nakoso IGCC Power GK [540 MW])
(Hirono IGCC Power GK [540 MW])

2017 **August:** **Launched solid oxide fuel cells (SOFC) and Micro Gas Turbines Hybrid Power Generation System**

2020 **July:** **Commissioned and started commercial operations of T-Point 2 combined cycle power plant validation facility**

September: **Renamed Mitsubishi Power, Ltd.**

Corporate Overview

Company Name	Mitsubishi Power, Ltd.
Establishment	September 1, 2020
Head Office Address	3-1 Minatomirai 3-chome, Nishi-ku, Yokohama, Kanagawa, 220-8401, Japan
Representative	President and CEO Ken Kawai
Capital	100 billion yen
Stockholders	Mitsubishi Heavy Industries, Ltd. (100%)
Number of Employees	Consolidated: 18,356 / Non-consolidated: 9,589 (As of April 2020)
Works in Japan	Hitachi / Takasago / Kure / Nagasaki
Offices in Japan	Hokkaido / Tohoku / Hokuriku / Chubu / Kansai / Chugoku / Shikoku / Kyushu
Number of Main Group Companies	69 companies (including 8 companies in Japan)

Corporate Organization (As of October 2020)

- Board of Directors
- President and CEO
- Statutory Auditors
- Statutory Auditors' Office
- CSO
  - Sustainable Transformation Department
  - African Project Operations Department
  - Strategy Department
  - Business Development Department
  - Communications & Government Relations Department
  - Hitachi Business Planning Department
  - Takasago Business Planning Department
  - Kure Business Planning Department
  - Nagasaki Business Planning Department
- CFO
  - Finance & Accounting Department
- CAO
  - HSE Management Department
  - Legal Department
  - Human Resources & General Affairs Department
  - Hitachi Works
  - Takasago Works
  - Kure Works
  - Nagasaki Works
- CTO
  - Quality Management Division
  - Digital Innovation Division
- Gas Power
- Steam Power
- AQCS
- Service
- New Business
- Business Headquarters
- Procurement & Sourcing Division
- Turbomachinery Headquarters
  - Steam Turbine Technology & Production Integration Division
  - Gas Turbine Technology & Products Integration Division
  - Turbine Global Products Integration Division
- Engineering Headquarters
  - Project Management Division
  - Plant Construction Division
  - Boiler Technology Integration Division
  - Boiler Products Integration Division
- Power Systems Service Headquarters
  - Takasago Service Division

CSO : Chief Strategy Officer
CFO : Chief Financial Officer
CAO : Chief Administrative Officer
CTO : Chief Technology Officer