Feature 3 Renewable Energy Business Efforts

The renewable energy business is a growing market worldwide. The Kyushu Electric Power Group is working as one to proactively develop this business both domestically and internationally, taking into consideration factors such as stable supply and environmental-friendliness. We are aiming to develop 2,500 MW of new capacity on a global level by 2030, which will bring our total capacity to 4,000 MW.

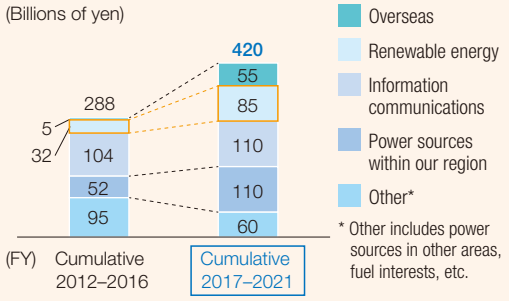
In addition, the financial target of the Kyushu Electric Power Group in the Medium-term Management Policy is to aim for cumulative growth investment of ¥85 billion in the renewable energy business between FY2017 and 2021.

Targets in Growth Fields under the Kyushu Electric Power Group's Medium-term Management Policy (FY2015–2019)

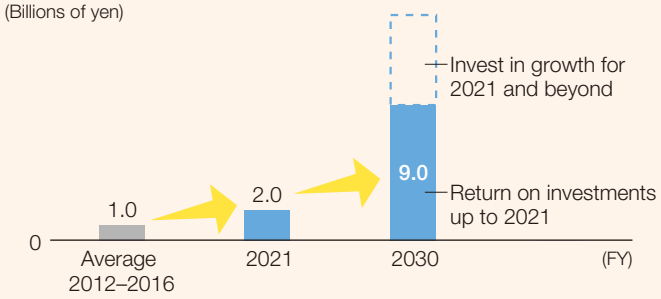
Goals for Growth Businesses

	2015		2030
Amount of renewable energy developed	1,500 MW	+2,500 MW →	4,000 MW

Financial Targets in Growth Fields



Renewable Energy Business Ordinary Income Outlook



Renewable Energy Provided by the Kyushu Electric Power Group (as of June 30, 2017)

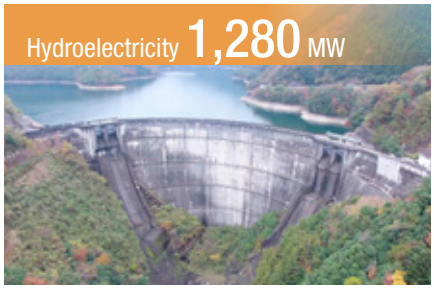
Amount of renewable energy developed

(June 30, 2017)

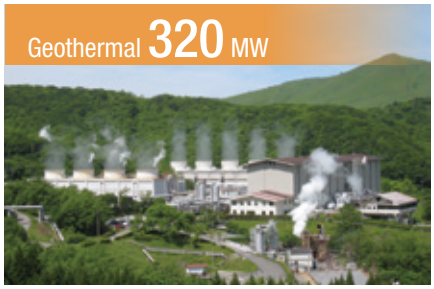
Approx. 1,850 MW

Mega Solar Omura Power Station Units 1-4
Location: Nagasaki Prefecture
Capacity: 17.48 MW (panel capacity: 20.35 MW)
Start of operations: March 2013

Nagashima Wind Power Station
Location: Kagoshima Prefecture
Capacity: 50.4 MW
Start of operations: October 2008



Kamishiiba Power Station
Location: Miyazaki Prefecture
Capacity: 93.2 MW
Start of operations: May 1955



Hatchoubaru Geothermal Power Station
Location: Oita Prefecture
Capacity: 110 MW (55 MW × 2)
Start of operations: June 1977

Miyazaki Biomass Recycle Power Station
Location: Miyazaki Prefecture
Capacity: 11.35 MW
Start of operations: May 2005

Kyuden Mirai Energy Company, Inc., the Driver of Kyushu Electric Power Group's Renewable Energy Business

九電みらいエナジー
Kyuden Mirai Energy

To provide a one-stop service to address the broad needs of local communities, Kyuden Mirai Energy Company, Inc., was established in July 2014, as a new company engaging in the development of all types of renewable energy sources.

Kyushu Mirai Energy, based on collaboration with Kyushu Electric Power, operates a power generation business for the local community as a responsible business operator leveraging its technologies and expertise from inspecting and planning for a variety of renewable energy sources through to construction and operations management. It also provides customers with services related to this business.

● Kyuden Mirai Energy's Strengths

Comprehensive Proposal Capabilities

Kyuden Mirai Energy is one of only a few companies that can develop all types of renewable energy. In addition to creating new value that comes from combining different types of renewable energy, we make flexible proposals tailored to meet clients' specific needs.

Technological Capabilities

The Kyushu Electric Power Group has been developing renewable energy for many years. Utilizing the extensive insights and know-how cultivated over this time, we offer a high level of construction quality and maintenance operations that will sustain stable power generation.

Operational Capabilities

We support long-term business operations, as we provide a full range of service from development to operation. The business is multi-faceted, including acquiring and taking over facilities.

Recently, on top of solar and wind power, Kyuden Mirai Energy has also been studying the commercialization of various other projects, including one of Japan's largest woody biomass power generation projects in Buzen, Fukuoka Prefecture, a geothermal binary power station inside the Yamagawa Power Station, and an offshore wind power station in Hibikinada in Kitakyushu.

● Kyuden Mirai Energy's Future Power Generation Facility Installation Plans

	Location	Start of operation	Capacity
Wind Power Generation			
Karatsu-Chinzei Wind Farm (tentative name)	Saga Pref.	Planned for 2022	Approx. 28 MW
◎ Kushima Wind Power Station	Miyazaki Pref.	Planned for October 2020	64.8 MW
Geothermal Power Generation			
Yamagawa Binary Cycle Power Station	Kagoshima Pref.	Planned for February 2018	4.99 MW
Biomass Power Generation			
◇ Buzen Biomass Power Station	Fukuoka Pref.	Planned for January 2020	74.95 MW
◇ Nanatusjima Biomass Power Station	Kagoshima Pref.	Planned for 2018	49 MW
Hydroelectric Power Generation			
Kamoshishi Hydroelectric Power Station	Kumamoto Pref.	Planned for July 2018	1.99 MW

◎ Power generation business by subsidiary
◇ Power generation business based on tie-up with business partner