

Condition of Japanese Electrical Machinery Industry Observed in Statistical Data



Trend of Renewable Energy Industry of Japan

Photovoltaic power generation

The solar battery production of our country in 2008 slips out depression by the stringency of the silicon supply and demand, and has recovered with 30% strong increase compared with the previous year. However, it did not reach a rapid extension of 120% increase in production of classification by countries of China and 70% increase of Germany, and it retreated to 3rd place because of the world head position.

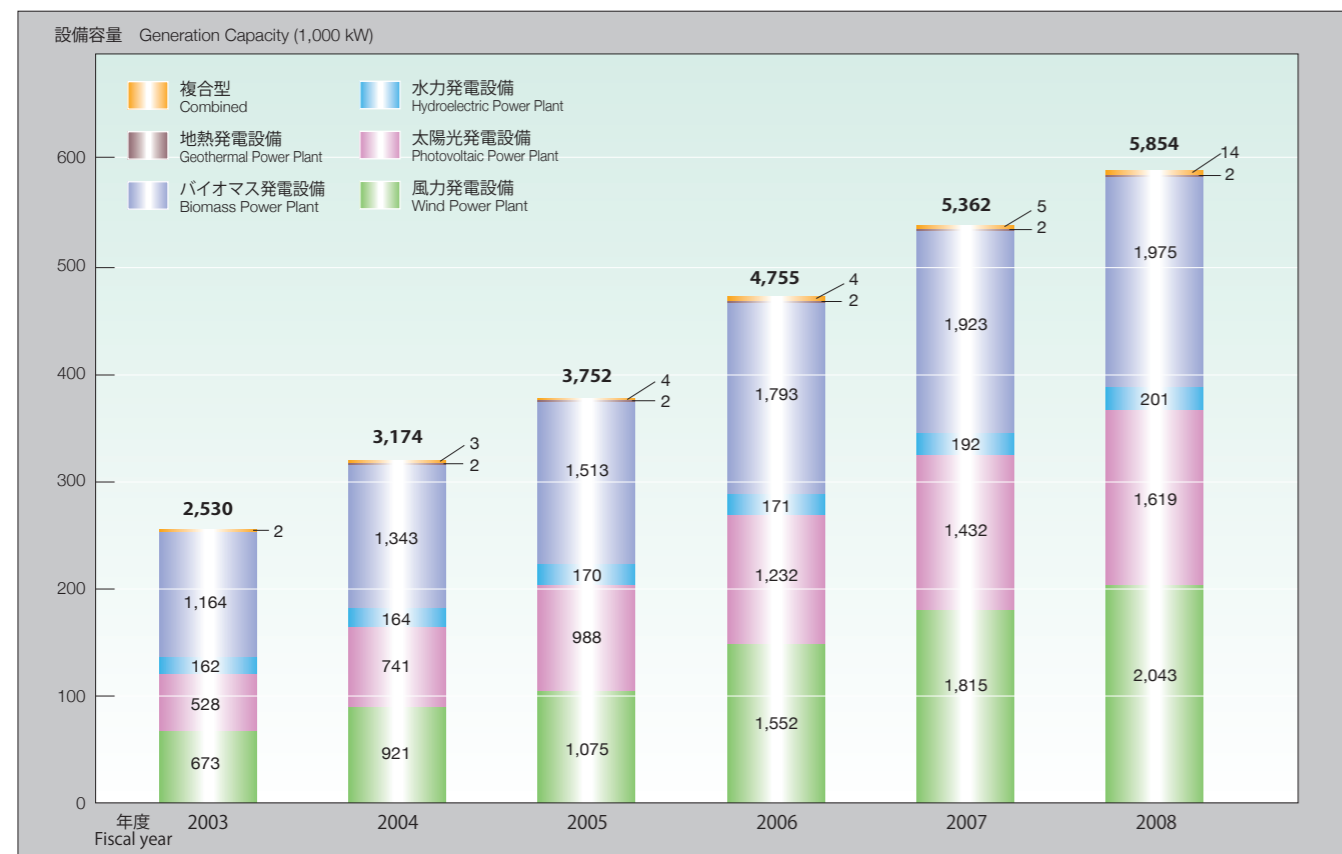
The solar battery is temporarily an oversupply because of the simultaneous slowdown of the world economy, the transition of the production in 2009 is feared, and the trend of M&A between manufacturers is paid to attention.

Wind power generation

The introduction equipment capacity of the worldwide one will maintain 120,798MW, increase of 29% compared with the previous year and a high growth rate in 2008, and the installed capacity has increased rapidly especially in the United States and China. The introduction results of the wind power generation of our country are 1,517 units, 1,880MW (in 2008), and the manufacturer in Japan also is concentrating on development and manufacturing aiming at the achievement of the introduction target 50,000MW in 2050. Moreover, the number also of manufacturers that advance to the wind power generation business has increased.



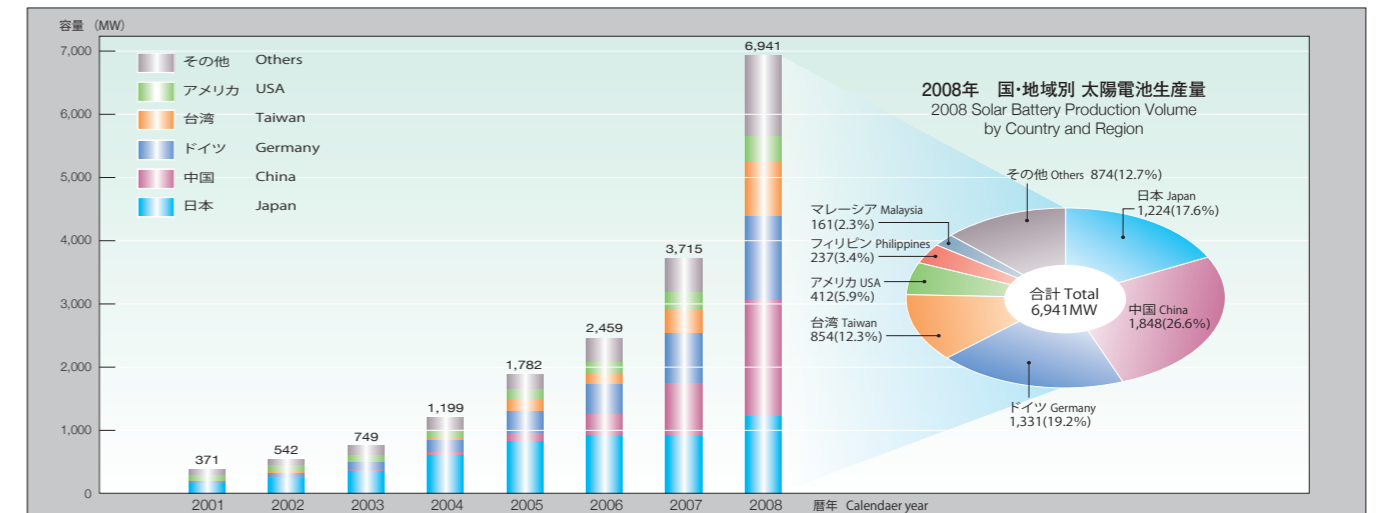
Power Generation Capacity of Renewable Energies in Japan



出典：経済産業省 Source: METI



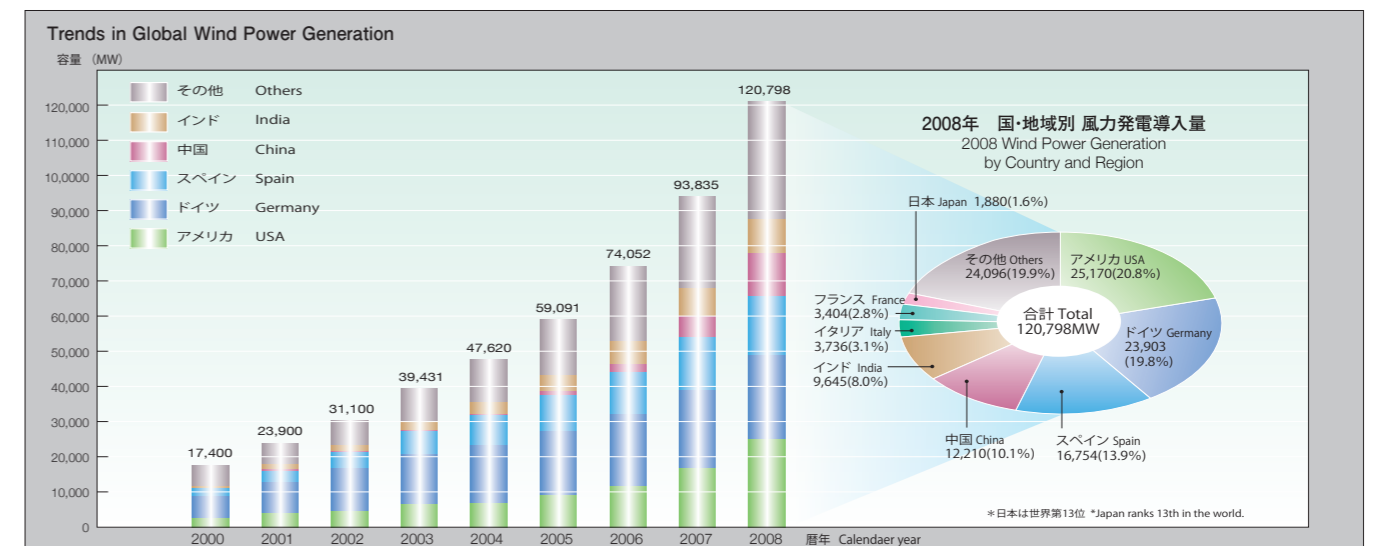
Trends in Global Solar Battery Production



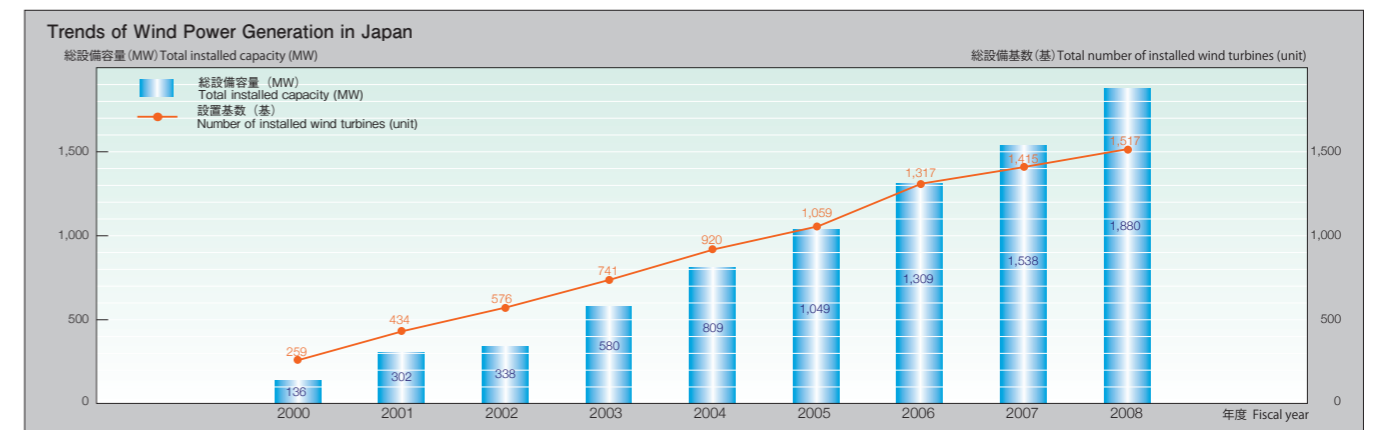
出典：PV News Source: PV News



Trends of Installed Wind Power Capacity



出典：世界風力会議「Global Wind 2008 Report」 Source: GWEC



出典：世界風力会議「Global Wind 2008 Report」、NEDO「日本における風力発電設備・導入実績」 Source: GWEC, NEDO