

Mega-solar Business by Kyundenko



Corporate Profile

Established Dec.1. 1944

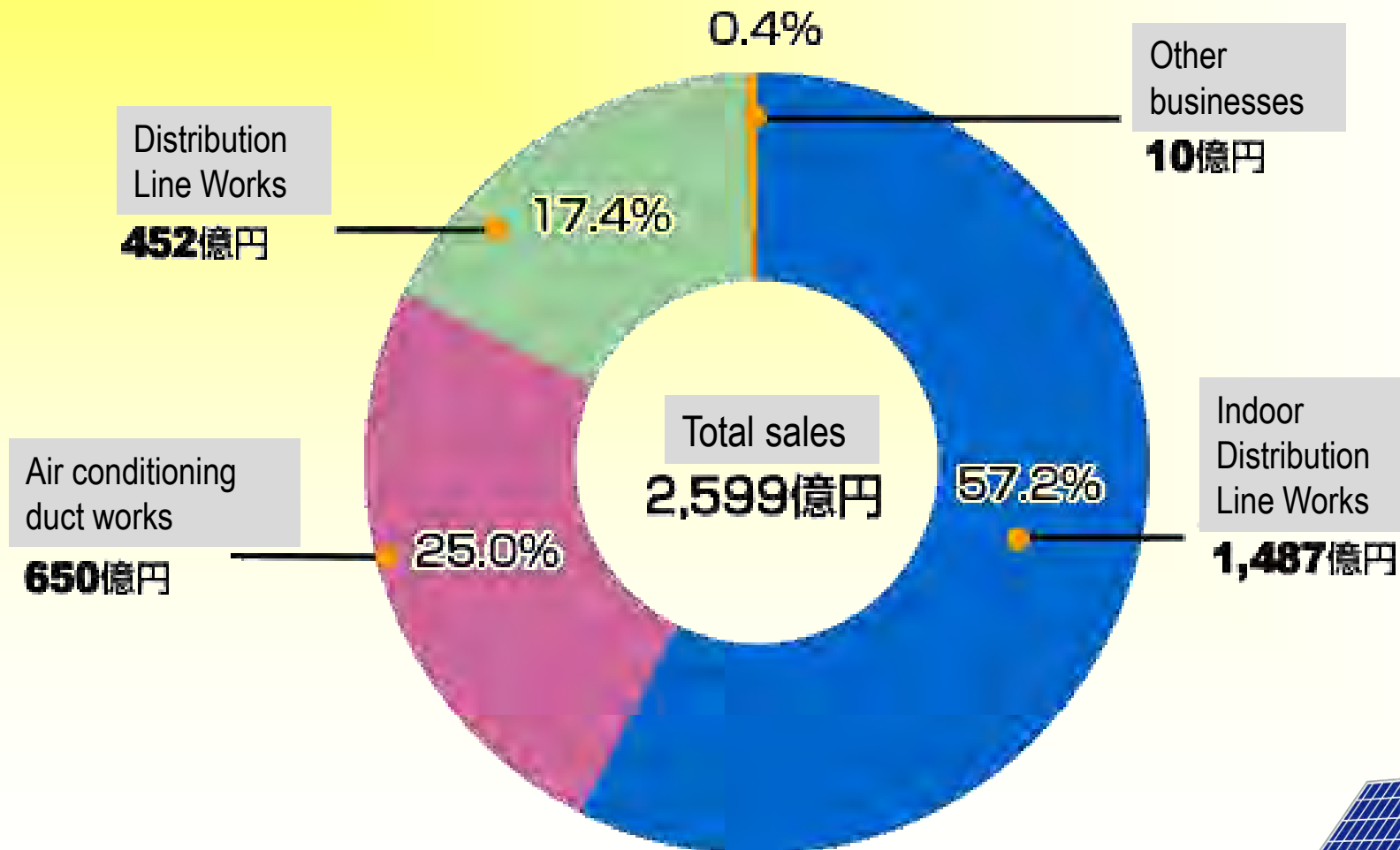
Capital JPY791.88mil.

Employees approx.6000人

Group total 8000人



Performance FY2013



Description of Business (Design and Construction)

Electric Equipment

Ventilation and
sanitation equipment

Plant equipment

Environmental
Equipment

Distribution Line
Equipment

Information
Communication
Equipment

Disaster related
Equipment



Offices Overseas

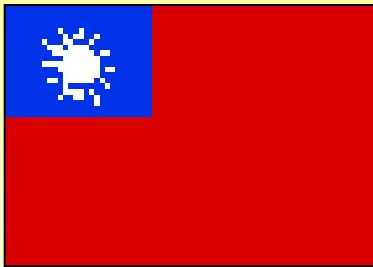
Taiwan

Malaysia

Viet Nam

Thailand

Singapore



1985年

2012年

2012年

2013年

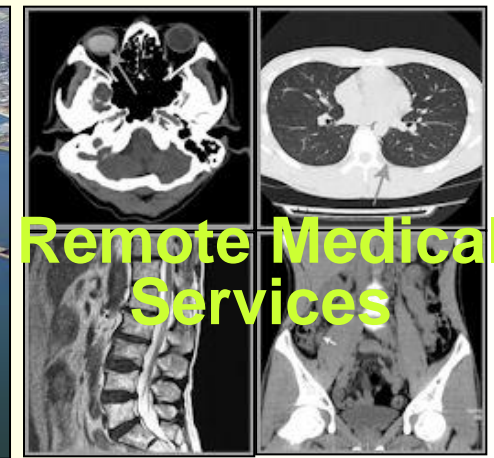
1970年

Established
year

(acquired 2013)



Related Businesses



Power Generation



Solar Power Generation Plants

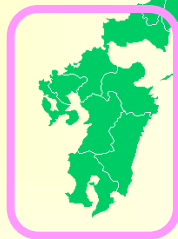
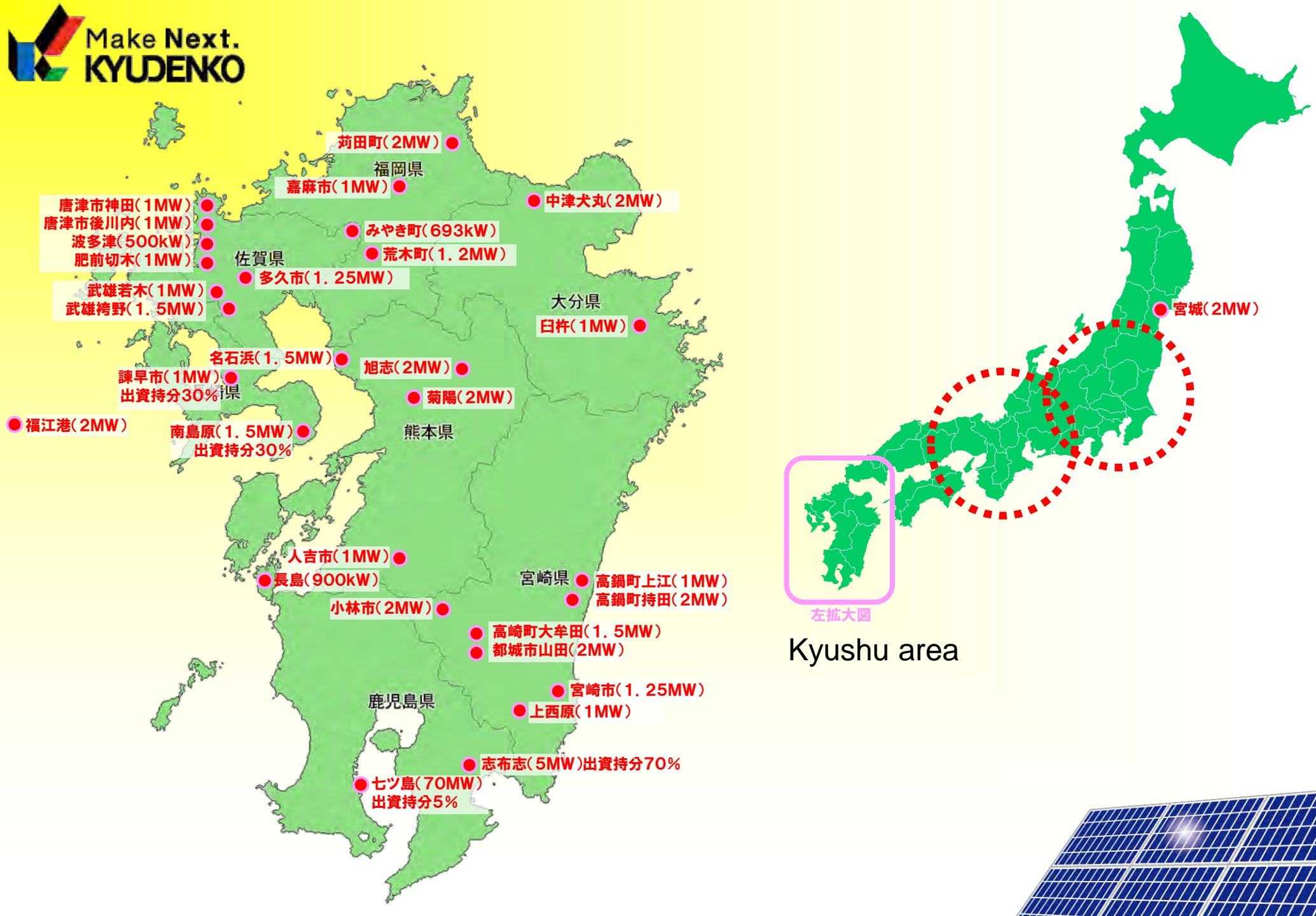
○ No. of Plants in operation 30

○ Generation capacity 45MW

○ No. of Planned Plants approx50

○ Total generation capacity 250MW





左拡大図

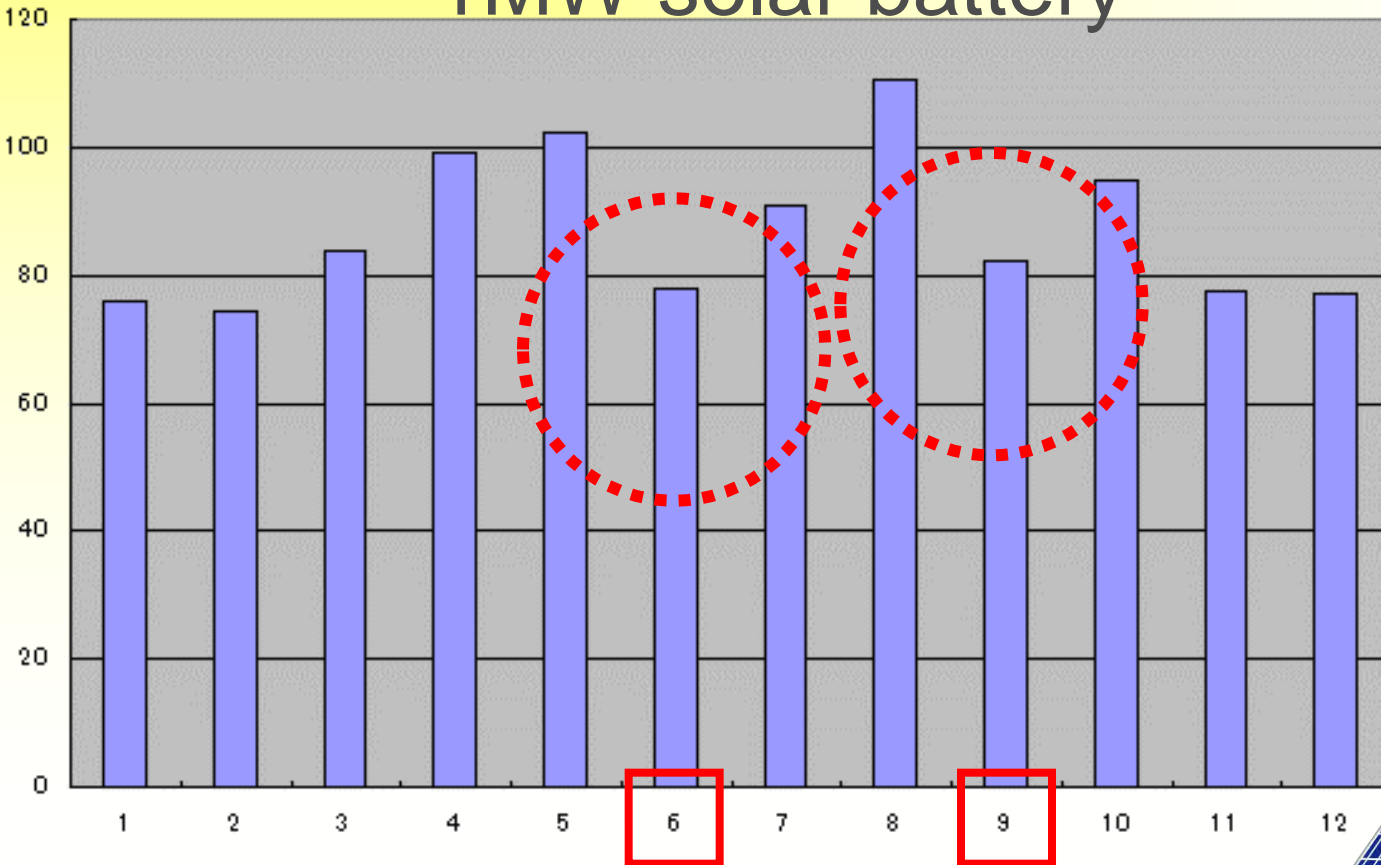
Kyushu area



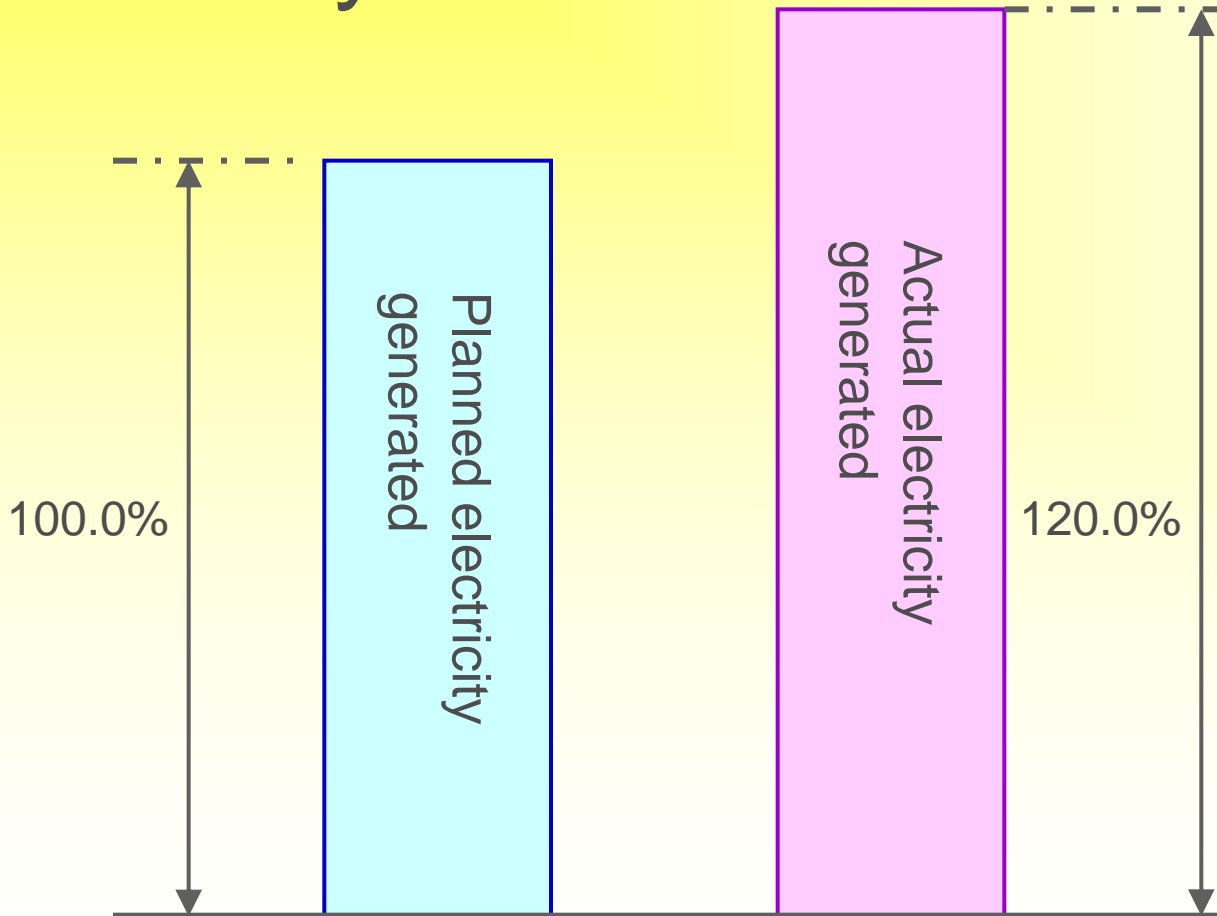
Power Generation Tendency

Power generated monthly per
1MW solar battery

MWh



Solar power generation tendency and analysis



■ what is a planned electricity?

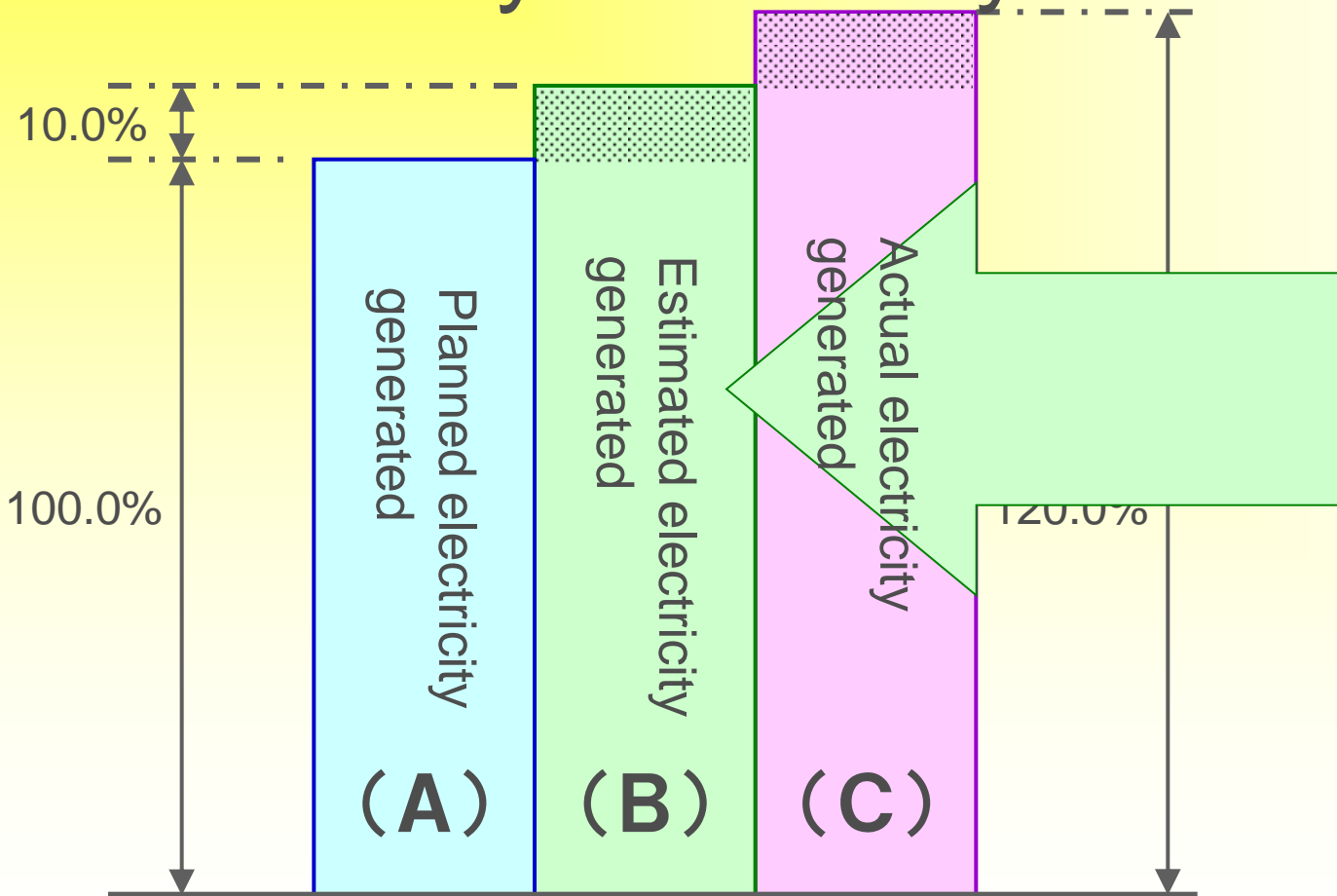
It is the amount of power generated based on NEDO STEP-PV

■ what is actual electricity?

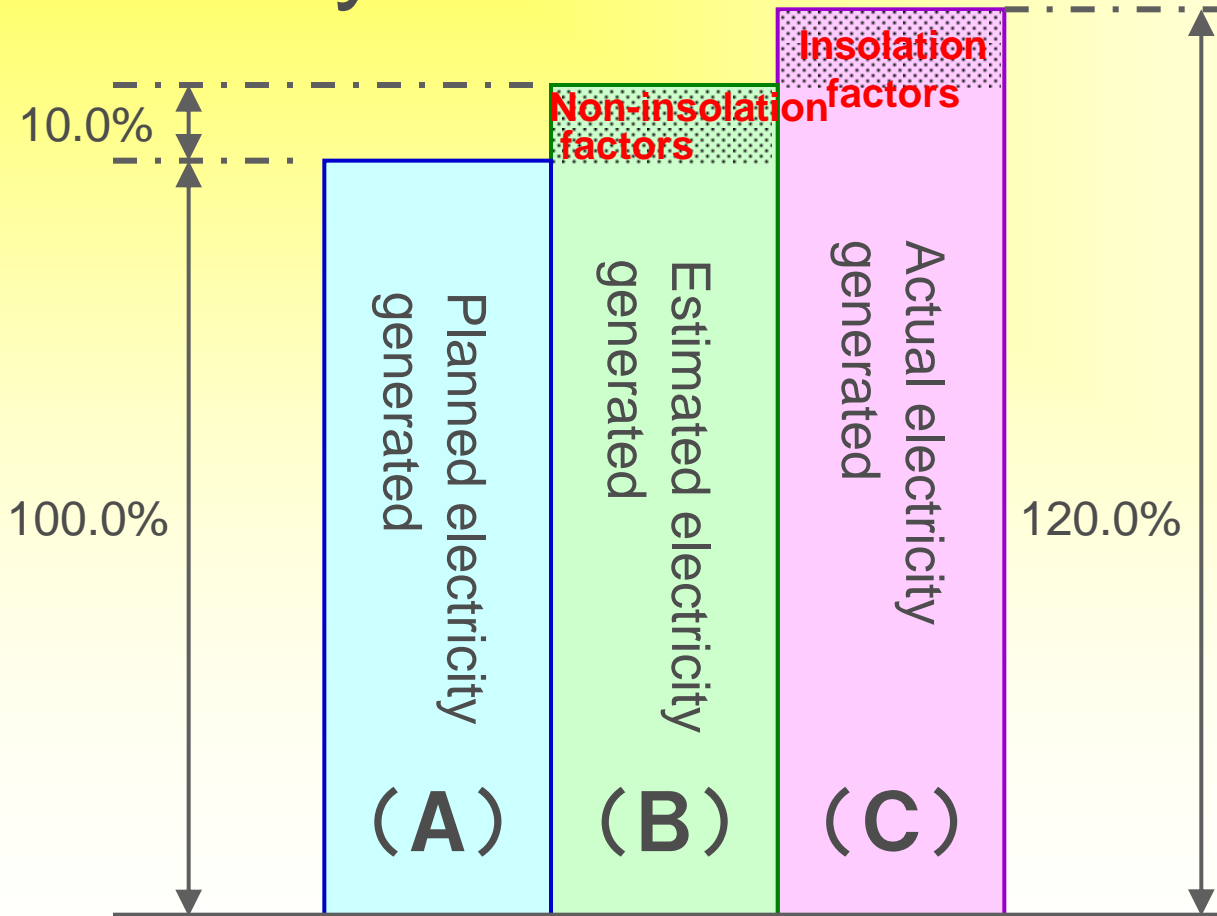
It is the difference between the figures shown in power selling meter (by Kyudenko) and power buying meter



Solar power generation tendency and analysis



Solar power generation tendency and analysis



■ what are insolation factors?

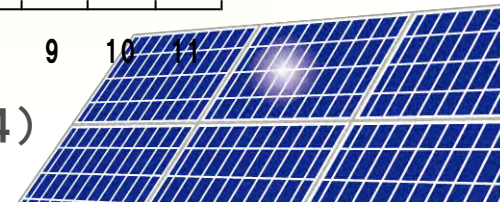
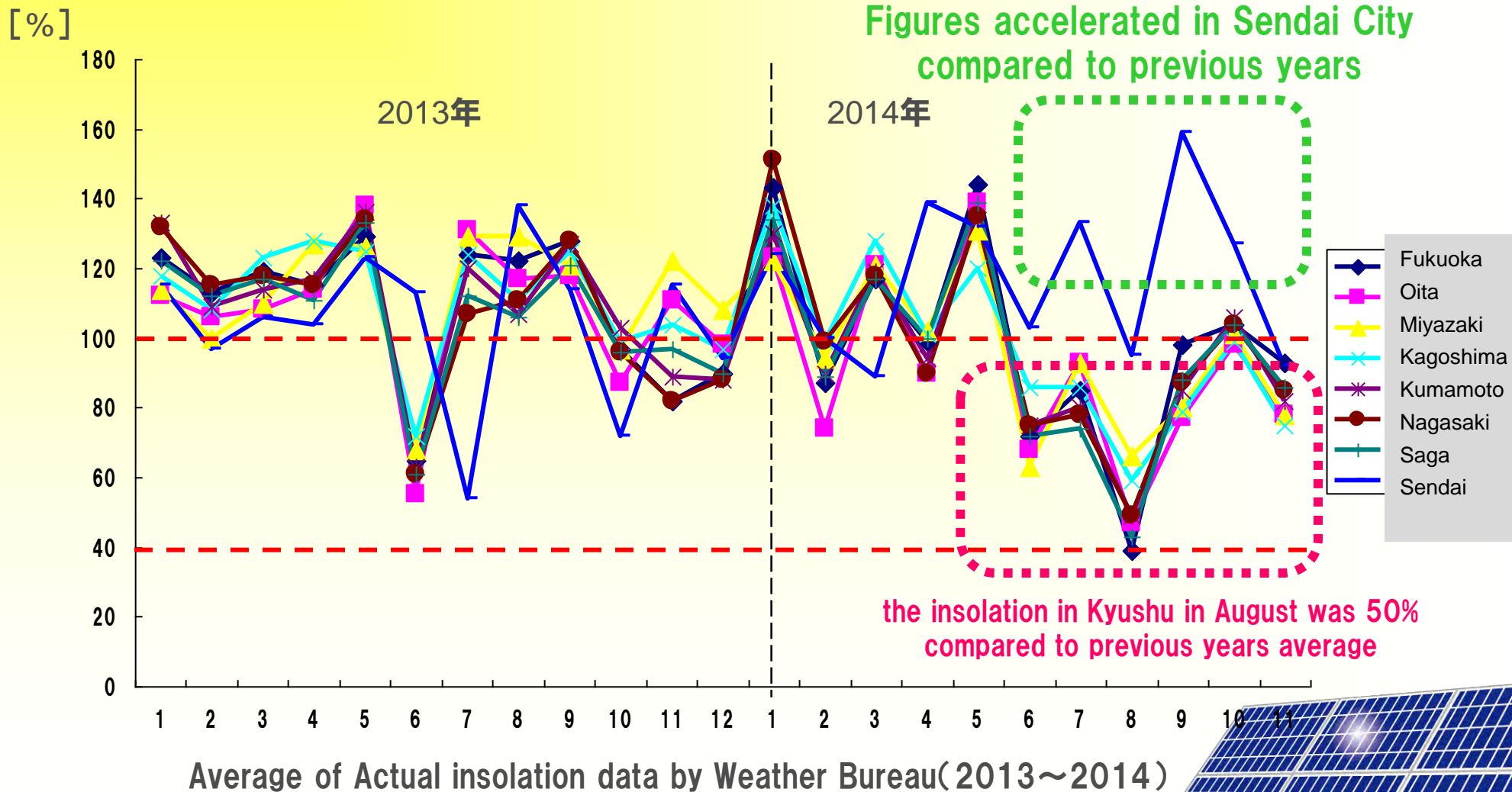
The influence to the total amount of power generated from the difference of the estimated insolation amount and actual insolation amount.

■ what are the non-insolation factors?

The factors are performance of the solar panel modules, number of panels, filth, capacity of the equipment, weather conditions, connectivity to grid, natural disasters, failure of equipment, aging of equipment, safety factors, etc.



Results of Analysis



Results of Analysis (Influence of Insolation)



Results of Analysis (Influence of non-insolation factors)



Results of Analysis (Influence of Insolation)



Results of Analysis (Influence of non-insolation factors)



Utilization of Analysis Results

- Additional gaining projected in new business plans
- Amendment to planned budgets
- New business proposals to clients
- Better assumptions on the impact of weather



For any further inquiries,
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