

December 20, 2011

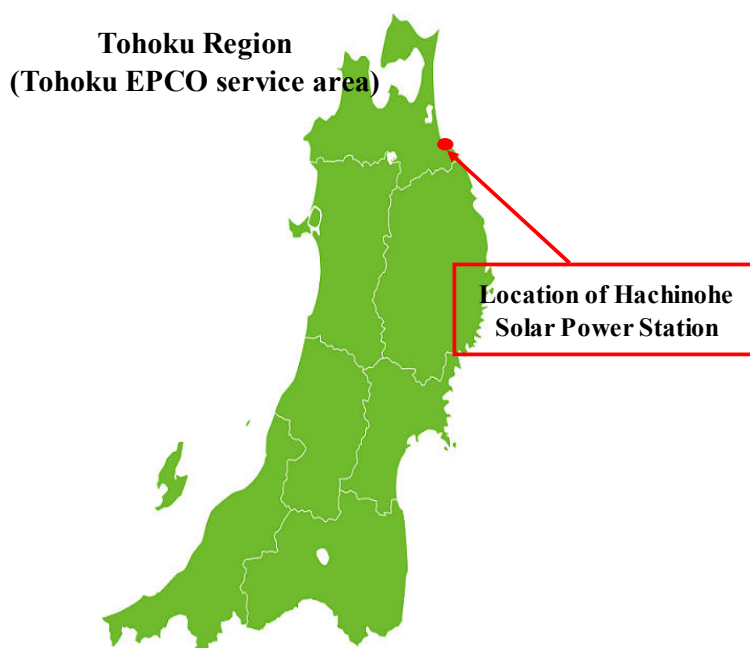
Hachinohe Solar Power Station Commences Full Operation

Tohoku Electric Power today began full operation of Hachinohe Solar Power Station (located in Hachinohe city, Aomori prefecture with an output of 1.5 MW). This is the first mega-solar power station for us.

We emphasize that effort to global environment problems is one of the important business themes. As a part of actions to achieve a low-carbon society, we are planning to develop mega-solar power stations that generate approx. 10MW at some locations in our service area by 2020FY.

Hachinohe Solar Power Station is the first developing plant which is constructed at Hachinohe Thermal Power Station. It adopts three kinds of solar cell modules such as polycrystal silicon, thin film system and compound thin films.

It generates approx. 1,600 MWh per year. (equivalent to the amount of electric power consumed by 500 general households) And CO2 reduction effect is approx. 800 tons per year. (equivalent to the amount of emissions by 160 general households)



(Reference)

1. Summary of the power station

(1) Name; Hachinohe Solar Power Station

(2) Location; Kawaragi, Hachinohe City, Aomori Prefecture

(3) Output; 1.5 MW

(4) Solar cell modules

- Polycrystal silicon; 1.0MW
- Thin film system; 0.25MW
- Compound thin films; 0.25MW

(5) Power electric generated*; Approx. 1,600 MWh per year

(equivalent to the amount of power consumed by 500 general households)

* Calculated assuming 12% facility utilization

(6) CO2 reduction effect [estimation]; Approx. 800 tons per year

(equivalent to the amount of emissions by 160 general households)

2. History

Start of construction; Feb 25, 2011

Start of foundation work; Jun. 20, 2011

Start of setting up solar cell modules; Sep. 20, 2011

Start of test operation; Nov. 16, 2011

Start of operation; Dec. 20, 2011

(Hachinohe Solar Power Station)

