

# Examples of Environmental Initiatives

In our voluntarily formulated Quality and Environmental Policy, we pledge to “promote energy saving, resource saving, and build energy-saving production lines.” We are working to reduce energy consumption and costs by advancing a shift to renewable energy through the installation of solar power generation systems at the Head Office/Komaki Plant and Thai Plant, and managing and controlling overall energy supply and demand at the Tohoku Plant. Going forward, we will contribute to environmental conservation by striving to reduce CO<sub>2</sub> emissions through continuous improvement activities such as installing energy saving equipment and building energy saving production lines.



Topics

Relevant SDGs



## Renewable Energy Initiatives (Solar Power Generation)

### Thai Plant



We are adopting renewable energy with the aim of achieving SDG 7, “Ensure access to affordable, reliable, sustainable and modern energy for all.” In June 2019, we began operation of a solar power generation system which is offsetting 15% of the Thai Plant’s CO<sub>2</sub> emissions. In fiscal 2019, we reduced annual CO<sub>2</sub> emissions by 197 tons.

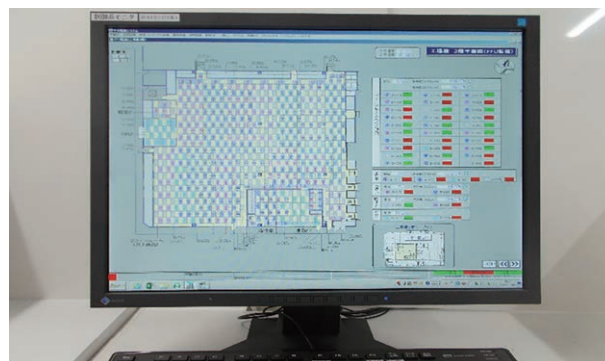
### Head Office/Komaki Plant



As an initiative for incorporating renewable energy design, in July 2020 we installed and began operation of a solar power generation system at the CKD Head Office/Komaki Plant. It is expected to reduce annual CO<sub>2</sub> emissions by 300 tons. Going forward, we plan to systematically install these systems at our other plants in Japan and overseas.

## Introducing FEMS

### Tohoku Plant



At our Tohoku Plant, we have installed a Factory Energy Management System (FEMS) which can visualize energy management from power receiving to distributing to facilities, monitoring energy use, operational status of production and infrastructure equipment, and energy consumption. By measuring and analyzing the energy consumed by each equipment, we can optimize plant energy usage and reduce CO<sub>2</sub> emissions.