

The efforts of each organization

■ Actions by Nagano Branch Office

(1) Actions by Committee on Ecology

In order to reinforce specific actions on environment closely related to the community in accordance with the basic philosophy and basic policy on ecology promotion activities of JR East, Nagano Branch Office established the Nagano Branch Committee on Ecology to grasp the current status of ecology activities and identify issues concerning such activities within Nagano Branch Office.

(2) Reduction of industrial waste from repair and removal of various equipment

In the past mixed metal scraps generated by repair and removal of various equipment were disposed of as industrial waste because of difficulty of recycling them. To reduce industrial waste and to promote 3R's, we reviewed the company manual "Standards for Segregating Locally Sellable Items" and sold mixed metal scraps* that had sales value and realized reduction of industrial waste.

*Mixed metal scraps: scraps that had mixed materials such as iron, copper and plastics.
Examples: various relays, railway signals, crossing gates, various electronics devices

(3) Cooperation with, and participation in, "Prefecture-wide Across the Board No Car Commute Week"

In order to contribute to prevention of global warming through greater use of public transportation, we have cooperated with, and participated in, the "Prefecture-wide Across the Board No Car Commute Week" sponsored by Nagano Prefecture.

During the campaign week, we put up posters at the station fronts to give publicity to the campaign, extended the validity period of "No Car Day Discount Tickets" to facilitate use of railways and employees working at Nagano Branch Office building engaged in proactive efforts at curtailing CO₂ emissions.

Comments by employee in charge



Yosuke Yano

Planning Office,
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At Nagano Branch Office we are aware of the importance of environmental, ecological activities and all of us are engaged in "efforts to contribute to environmental society." We are actively publicizing environmental activities to inculcate our employees with the eco-awareness and animating eco-activities in each department. We will continue our efforts to improve environment together with the community, beginning with the "Forestation from the Wayside" which was begun in 1992 and cooperation with, and participation in, the "Prefecture-wide Across the Board No Car Commute Week."

■Actions at Niitsu Rolling Stock Plant

(1) Environmental Promotion System Utilizing ISO 14001

Niitsu Rolling Stock Plant acquired Environmental Management System “ISO 14001” in February 1999 and since then has been engaged in environmental programs with a goal of “contributing to global environmental preservation activities through our production activities in concert with our Group companies”. Specifically, ① we are working to reduce CO₂ by identifying burden on environment in our business activities and making visible causes of such burden; ② we are working to make visible laws and regulations related to environment focused on “Regulatory Compliance Schedule,” and constructed a carefully thought-out compliance management system; and ③ through our environmental preservation activities, making continuous improvement of our environmental management system as 3 pillars, all of us employees are engaged in environmentally-conscious production activities in our daily operations at 4 subcommittees of energy conservation, resources saving promotion, waste reduction and compliance/eco-promotion/education.

(2) Actions for energy conservation and global warming prevention

For FY 2011 as principal activities of energy conservation and global warming prevention, we worked to reduce power consumption through such activities as ① implementation of energy conservation campaign; ② insuring no overtime days; ③ CO₂ reduction by change of fuels in once-through boilers; and ④ installation of sensors to respond to people’s presence in the workers’ room to reduce power usage.

With respect to fuel change in once-through boilers, we replaced heavy fuel oil that had been used with city gas, resulting in a more than 10% reduction in CO₂ emissions per year. With respect to sensors in workers’ room, we have finely rearranged electrical wiring in the hallways and rooms so that lights turn on automatically only where the sensors detect the presence of people. Also, the conventional mercury lamps were replaced by energy-saving type fluorescent lamps. These actions resulted in considerable reduction in electricity usage.

In addition to the existing initiatives above, Niitsu Rolling Stock Plant this fiscal year put an effort to reduce peak power consumption through ① reduction of lamps that are turned on in the buildings; ② use of hand lamps (LED); and ③ adjustment of operating time of automatic machinery. All employees are taking the initiatives in conserving energy by conducting various energy-saving measures on trials and adding necessary improvements for reducing electricity consumption.

Comments by employee in charge



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In February 1999 Niitsu Rolling Stock Plant became the first organization in JR East to receive “ISO 14001” and is working to reduce power consumption, save resources and cut back on waste. We are making efforts at compliance, focusing on regulatory compliance schedule. Making full use of “ISO 14001” each employee is engaged in production activity, being conscious of the need to improve environment, such as by reducing power consumption.



CO₂ reduction by changing fuels for once-through boilers