

Progress Report on Environmental Targets

Targets to be met in and after FY2014 and results in FY2013

Category of environmental conservation activities	Performance indicators	Targets to be met by FY2020	Results for FY2013
Measures to prevent global warming	Energy consumption from railway business activities	8% reduction (MJ: relative to FY2011 level) (52.7 billion MJ⇒48.5 billion MJ)	0.7% reduction (52.3 billion MJ)
	CO ₂ emissions per unit of electricity generated at JR East's own power plants	30% improvement (kg-CO ₂ /kWh: relative to FY1991 level) (0.457 kg-CO ₂ /kWh⇒0.320 kg-CO ₂ /kWh)	25% improvement (0.341 kg-CO ₂ /kWh) ^{*1}
Category of environmental conservation activities	Performance indicators	Targets to be met by FY2014	Results for FY2013
Measures to prevent global warming	Electricity used for railway operations per unit of transport volume	6.8% reduction (kWh/car-km: relative to FY2007 level) (1.85 kWh/car-km ⇒1.72 kWh/car-km)	2.6% reduction (1.80 kWh/car-km)
	Energy consumption per unit of floor area at branch offices, etc.	3% reduction (kL-crude oil equivalent/m ² : relative to FY2011 level) (0.0467 kL-crude oil equivalent/m ² ⇒0.0453 kL-crude oil equivalent/m ²)	12% reduction (0.0411 kL-crude oil equivalent/m ²)
Measures for resource circulation	Recycling rate for waste generated at stations and on trains	90%	93%
	Recycling rate for waste generated at General Rolling Stock Centers, etc.	95%	94%
	Recycling rate for waste generated in construction projects	95%	94%
	Rate of green procurement ^{*2}	100%	100%
Environmental activities along railway lines	Measures to reduce noise to 75 dB or less along the Tohoku and Joetsu Shinkansen Lines ^{*3} (for areas subject to noise limitation measures)	[Targets to be met by FY2016] 100%	Being implemented
Environmental management	Setting of numeric targets by all group companies	Targets to be revised continually	Established

■ Targets for the JR East Group

*1 The figure is calculated according to the Act on the Rational Use of Energy.

*2 The figure indicates the ratio of the group companies which purchase goods specified in the Basic Policy under Article 6 of the Law Concerning the Promotion of Procurement of Eco-Friendly Goods and Services by the State and Other Entities are used.

*3 Measures to reduce noise to 75 dB or less have been completed in the designated areas in accordance with government guidance. Currently, improvement work is being carried out step by step in other areas, to be completed by the fiscal year ending March 2016.