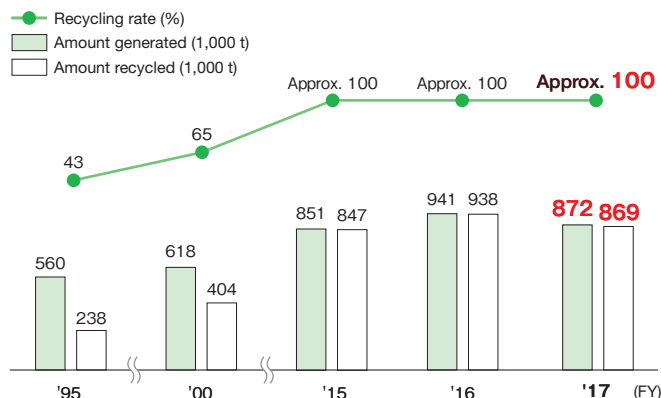


(2) Initiatives to Establish a Recycling Society

Our Waste-Related Zero Emissions Initiatives (see pp. 33–34)

Industrial Waste Production Amounts and Recycling Rates



Reuse of Materials/Equipment for Power Distribution (FY2017)

Material (unit)	Units removed* [A]	Units reused [B]	Reuse rate [B/A] (%)
Pole-mounted transformers	15,376	15,376	100
Pole-mounted gas valves	543	543	100
Low-voltage voltmeters	152,124	127,800	84
Concrete poles	7,291	7,291	100
High-tension wire (km)	593	593	100
Low-tension wire (km)	944	944	100

*Units that are not reparable or that cannot be reused because of old specifications and model type are excluded

Paper Recycling (FY2017)

	Amount recovered (t)	Main recycling use
Newspapers* ¹	71	Paper (copier paper, catalog paper, etc.), newspaper
Magazines	23	Cardboard material, paper twine
Cardboard	62	Cardboard material
Confidential documents	876	Paper (copier paper, catalog paper, etc.), toilet paper, cardboard material
Other* ²	121	Paper (copier paper, catalog paper, etc.), toilet paper, cardboard material, paper twine
Total* ³	1,153	

*¹ Includes amount of recovered magazines and cardboard at some sites

*² "Other" includes copier paper, envelopes, etc.

*³ Totals may not match due to the effects of rounding.

Waste Generation by Power Station, Amounts Recycled, Recycling Rates (see p. 33)

Industrial Waste* by Thermal Power Station (FY2017)

	Amount produced (t)	Amount recycled (t)	Recycling rate (%)
Shin-Kokura	458	458	100
Karita	122,163	122,163	100
Buzen	352	352	100
Matsuura	202,255	201,205	99.5
Ainoura	384	384	100
Shin-Oita	974	974	100
Reihoku	518,261	516,528	99.7
Sendai	323	323	100
Total	845,170	842,387	99.7

*Coal ash, heavy crude oil ash, sludge, scrap metal, etc.

General Waste* by Thermal Power Station (FY2017)

	Amount produced (t)	Amount recycled (t)	Recycling rate (%)
Shin-Kokura	25.8	4.0	15.5
Karita	10.1	10.1	100
Buzen	9.2	5.8	63
Matsuura	300.5	8.8	2.9
Ainoura	2.3	1.5	65.2
Shin-Oita	29.4	10.3	35
Reihoku	11.8	7.7	65.3
Sendai	5.7	5.7	100
Total	394.8	53.9	13.7

*Waste paper, shells, etc.

t= metric ton (tonne)