Kyushu Electric Power

The following diagram shows environmental loads resulting from business operations of Kyushu Electric Power, and emissions of greenhouse gases throughout the overall supply chain.



(Note) See the section on environmental data (p. 48) for details on calculation methods and supplementary explanations.



(Note) See the section on greenhouse gas emissions for the entire supply chain (p. 28) for details on supply chain CO₂ emissions.

Group Companies

The following diagram shows what sort of environmental loads are produced as a result of business operations from inputs of resources and materials to 52 companies, of a total of 89 companies in the Kyuden Group that are members of the organization for promoting group-wide environmental management (Group Environmental Management Promotion Subcommittee). Going forward, we will take current conditions into account, and continue our strenuous efforts to further reduce environmental loads.

INPUT

- Power generated*1 251.3 million kWh
- Fuel*2
- Water ····· 7.3 million t
- Copy paper ····· 133.8 million sheets
- Volume of chemicals designated under the PRTR system

Environmental Load Reduction

- Reduction in greenhouse gas emissions*³ ······ 22,400 t-CO₂
- · Recovery rate for regulated fluorocarbons*4 100 %
- Industrial waste recycling
- Reduction in SO_x emissions*5 13,100 t
- Reduction in NO_x emissions*6 3,100 t

Business Operations



IT and telecommunications (5 companies) Environment and recycling

Lifestyle-oriented services (16 companies)

Environmental Activities

- · Environmental target management
- · Promoting energy and resource conservation
- Promoting recycling
- · Promoting green procurement
- · Curbing emissions of greenhouse gases
- Curbing emissions of regulated fluorocarbons
- · Curbing emissions of air pollutants
- · Providing environmental education

OUTPUT

- Greenhouse gas emissions*2 143.200 t-CO2
- Ozone-depleting substance emissions*7 0.01 ODP t
- SO_x emissions 4.200 t
- NO_x emissions 2,900 t
- Volume of chemicals designated 7.9 t under the PRTR system (air)
- Industrial waste disposal
- Waste paper disposal ······ 70 t
- *1: Total amount of purchased electric power, excluding in-station power at power plants, etc.
- *2: Excludes power sold to power companies, etc. (fuel for power generation and emissions stemming from that fuel).
- *3: For group company sites with solar power generation equipment or similar installed, actual results are calculated using sites without such equipment installed as a baseline.
- *4: Percentage of equipment for which gas recovery was carried out to the legal standard level at inspection (statutory pressure at time of removal).
- *5: For smoke and soot producing facilities (such as boilers) with desulfurization measures, or using low-sulfur fuel, results are calculated using sites without such measures or fuel as a baseline.
- *6: For smoke and soot producing facilities (such as boilers) with denitration measures, results are calculated using sites without such measures as a baseline.
- *7: Converted to CFC-11 mass equivalent using the ozone depletion potential of each fluorocarbon.

Note: t = metric ton (tonne)