

FY 2015 Isuzu Group Energy-Saving & 3R Award

The Isuzu Group Energy-Saving & 3R Award recognizes outstanding activities to improve energy saving and the 3R (Reduce, Reuse and Recycle) within the Isuzu Group.

This year, 13 energy-saving activities and 11 3R activities by ten Japanese manufacturing companies in the Isuzu Group were recognized as being outstanding. The Grand Prize was awarded to a 3R activity, "zero direct disposal of waste coolant liquid" by Isuzu Engine Manufacturing Hokkaido Co., Ltd. (in Tomakomai, Hokkaido, Japan).

Isuzu Engine Manufacturing
Hokkaido's award-winning team

Award-winning "zero direct disposal of waste coolant liquid"

Isuzu Engine Manufacturing Hokkaido Co., Ltd. used to discharge untreated waste coolant (water-soluble cutting fluid) as industrial waste, but has started improvement activities aimed at zero industrial waste emissions.

The people involved in the activities looked at treatment methods using powdered coal, and conducted a series of theoretical tests to eliminate any issues in preparation for actual operations.

Having developed a treatment system combining disused plant equipment parts, they commenced operations in November 2015. Since operations began, they have managed to increase the annual volume of treated waste coolant from 180 tons to 270 tons and achieved zero emissions of waste coolant as industrial waste.