

TIAT Recipient of the FY2016 Kanto Bureau of Economy, Trade and Industry Award for Excellent Energy Conservation Factory & Building, etc.



Tokyo International Air Terminal Corporation (TIAT) was awarded the FY2016 Excellent Energy Conservation Factory & Building Award on February 7, this year in the awards presented by the Kanto Bureau of Economy, Trade and Industry.

TIAT manages and operates the international passenger terminal at Tokyo International Airport (Haneda) and has injected a range of energy saving technologies to conserve energy as part of its strategies for creating an environment-friendly passenger terminal based on the Eco-Airport Guidelines set out by Japan's Civil Aviation Bureau.

The award is in recognition for the introduction of energy-efficient equipment and operational improvements which include an annual reduction of 800 kiloliters in the consumption of crude oil-equivalent primary energy, as a result of a review of the inverter control settings on the terminal's air conditioning plant in fiscal 2014. TIAT has had an ongoing commitment to reducing the environmental impact since it began operating and will continue to increase its efforts for the safety and comfort of customers who use the terminal building and also as a contribution to the achievement of a low-carbon society.

* Inverter controller: This is a system which optimizes control of power supply frequency on the air conditioning compressors to enable motor revolutions to be variable. Because compressor power consumption is generally proportional to the cube of the frequency, it is possible to reduce power consumption by lowering the frequency to within the parameters where the equipment is not affected.