

2010 Renewables Targets and Current Progress

		FY2005 level		FY2010 target	
		Kilolitre (kl) of oil- equivalent	kW-equivalent (for power generation)	Kilolitre (kl) of oil- equivalent	kW-equivalent (for power generation)
<i>Supply side</i>					
Power generation	Photovoltaic power generation	347 000	1 422 000	1 180 000	4 820 000
	Wind power generation	442 000	1 078 000	1 340 000	3 000 000
	Waste and biomass power generation	2 520 000	2 010 000	5 860 000	4 500 000
Heat	Solar thermal use	610 000		900 000	
	Thermal use of waste	1 490 000		1 860 000	
	Biomass thermal use	1 420 000		3 080 000 ¹	
	Unused energy ²	49 000		50 000	
	Black liquid, waste material, etc.	4 700 000 ³		4 830 000	
Total		11 580 000		19 100 000	
Rate in total primary energy supply		2.0%		3.0%	

<i>Demand side</i>		FY2005 level	FY2010 target
Clean energy vehicles ⁴		326 000	2 330 000
Natural gas co-generation (<i>i.e.</i> CHP; kW)		3 590 000	4 980 000
Fuel cells (kW)		10 000	2 200 000

Note: Each breakdown of the power generation and heat fields are a rough standard for achieving the target.

1. includes biomass-derived fuel (500 000 kl) for transport. 2. includes snow ice cryogenic energy. 3. 2004 data. Black liquid and waste classified as part of biomass and partially include those used to generate power. The introduction volume of black liquid, waste material, etc., depends on the production level of pulp and paper in an energy model, so it is tentatively calculated using the model endogenously. 4. includes electric, fuel cell, hybrid, natural gas, methanol and diesel-alternative LPG vehicles.

Source: Country submission.