

First Batch of International TOP TENs List

List of Top Ten Energy Efficiency Best Available Technologies (BATs)

No.	BAT Title		Nominator
1	Combined heat and power (Cogeneration)	Co-generation projects	Japan
			Australia
			United States
2	Drying optimisation	Pre-drying technologies	Australia
3	Heat pump Technology	Two-stage heat pump technology	China
		Heat pump for high-temperatures: Steam condensation typy vacuum degreaser	Japan
		Heat pump for low-temperatures: Heat pump system for high-efficiency steam supply	Japan
		The simultaneous heating and cooling heat pump	Japan
4	High-efficiency light emitting diodes (LED) lighting		Japan
5	Low-emission boiler	Boiler economiser	Australia
		Flue gas heat recovery system	United States
		Low NOx regenerative burners: High-performance industrial furnace (regenerative burner)	Japan
		High-efficiency industrial pulverised coal Boiler	China
		Small once-through boilers	Japan
6	Premium light dimming technology		Japan
7	Pumping System Optimisation	Reduce throttling losses	Australia
8	Recovery of industrial waste heat	Slag water waste heat recovery blast furnace	China
		Heat recovery and conversion to electricity	Australia

Top Ten Energy Efficiency Best Available Technologies (BATs)
and Best Practices (BPs)

No.	BAT Title		Nominator
8	Recovery of industrial waste heat	Low-temperature waste heat recovery for power generation using organic rankine cycles	United States
		Thermoelectric coordinated central heating technology	China
		Low-grade waste heat to power absorption chillers	United States
		Waste energy recovery technology in the metallurgical industry using a coaxial drive turbine unit	China
9	Foundry metal stress relief technology		China
10	Variable frequency drives		United States

Note: the list is alphabetically ordered.