

Energy efficiency method comparison table

Method	Summary	What type of sites can use this method?	What type of activities can be done under this method?	What type of baseline data is required before project activities commence?	What type of data is required to run a project?	The project requires ongoing measurement and monitoring
Commercial Buildings method	Activity resulting in reduced consumption of electricity/fuel in commercial buildings. Credits are only issued if a minimum 1 star NABERS improvement is realised.	Existing office buildings, hotels and shopping centres.	Any energy efficiency activity including installation of co-generation equipment.	Baseline NABERS energy rating.	NABERS energy rating data and metered data for onsite renewable energy generation. Evidence of replaced equipment disposal.	<input checked="" type="checkbox"/>
Industrial Electricity and Fuel Efficiency method	Activity resulting in reduction in emissions intensity from industrial fuel and electricity use.	All sites with existing energy consuming equipment.	Any energy efficiency activity except transport.	Baseline metered energy consumption data for each implementation for an operation cycle and measurement of values to be used in calculations.	Metered energy data for each implementation and measurement of values used in calculations.	<input checked="" type="checkbox"/>
Aggregated small energy users method	Activity resulting in a statistically significant reduction in consumption of grid electricity and natural gas from large groups of small energy users.	Aggregation of small energy users (e.g. residential houses).	Any energy efficiency activity.	For sub-methods 2 and 3 only: 1 year of historical energy consumption data.	Energy consumption data for thousands of small energy users. Evidence of replaced equipment disposal.	<input checked="" type="checkbox"/>
Transport – land and sea	Activity resulting in reduction in emissions intensity of road, rail and sea transport and mobile equipment such as mining and agricultural vehicles.	Not Applicable.	Replacing or modifying vehicles, changing energy source, changing operational practice.	3 years of historical fuel or electricity data and quantity of service for individual or groups of vehicles (May not be required for projects replacing light vehicles).	Quantity of fuel or electricity consumed, Fuel type, quantity of service.	<input checked="" type="checkbox"/>
Transport - aviation	Activities resulting in reduction in the emissions intensity of domestic air transport.	Not Applicable.	Modifying existing aircraft, changing energy sources, changing operational practice.	1 year of historical fuel or electricity data and quantity of service for individual or groups of aircraft.	Quantity of fuel or electricity consumed, fuel type, quantity of service.	<input checked="" type="checkbox"/>
Facilities	Activities resulting in a reduction in emissions intensity of output from (non-aggregate) NGER facilities.	NGER facilities, excluding aggregated facilities.	Any energy efficiency activity except transport.	NGER data for 4 NGER reporting years prior to NGER year the project commences.	NGER data.	<input checked="" type="checkbox"/>
Commercial and public lighting method	Activities resulting in a reduction in electricity use related to commercial and public lighting.	Existing commercial buildings or public spaces with lighting equipment.	Replacing or modifying lighting systems.	Specifications of baseline lighting equipment.	Lighting equipment specifications, building type, operating hours. Evidence of disposal of replaced lighting.	<input type="checkbox"/>
High efficiency commercial appliances method	Improved energy performance for commercial and industrial air conditioners, close control air conditioners, refrigerated display cabinets and liquid chilling packages.	All sites, including greenfields and expanding sites.	Installation of high efficiency HVAC and refrigeration equipment.	None required.	Commercial appliance specifications, building type, operating hours.	<input type="checkbox"/>
Refrigeration and ventilation fans method	Improved energy performance of fans in refrigeration systems, and ventilation fans servicing commercial and industrial buildings and the common areas of residential buildings.	Sites with existing HVAC or refrigeration equipment.	Replacing or modifying refrigeration and ventilation fans.	Specifications of baseline fan equipment.	Fan specifications, refrigeration or ventilation equipment type, operating hours.	<input type="checkbox"/>

Glossary

HVAC means heating ventilation and air conditioning

NABERS means the National Australian Built Environment Rating System

NGER means the National Greenhouse and Energy Reporting scheme

(When made) means that the method has not yet been signed by the Minister and no projects can occur under this method yet