

# ESKOM HISTORICAL GHG EMISSIONS



FISCAL YEAR	GHG EMISSIONS	
	Carbon dioxide (CO <sub>2</sub> ), Mt <sup>2</sup>	Nitrous oxide (N <sub>2</sub> O), t <sup>2</sup>
2018	205.5	2 642
2017	211.1	2 782
2016	215.6	2757
2015	223.4	2919
2014	233.3	2 969
2013	227.9	2 980
2012	231.9	2 967
2011	230.3	2 906
2010	224.7	2 825
2009	221.7	2 801
2008	223.6	2 872
2007	208.9	2 730
2006	203.7	3 134
2005 (15 Months) <sup>1</sup>	247	3 552
2004	197.7	2 942
2003	190.1	2 580
2002	175.2	2 246
2001	169.3	2 154

## Key

Reasonable Assurance

**NOTE: Bituminous coal is used at all ESKOM coal power stations. For gas turbine stations ESKOM uses Diesel and Kerosene.**

1. 2005 was 15 months long as Eskom was shifting from calendar years to financial year.
2. Calculated figures based on coal characteristics and power station design parameters based on coal analysis and using coal burnt tonnages. Figures include coal-fired and gas turbine power stations, as well as oil consumed during power station start-ups and, for carbon dioxide emissions, includes the underground coal gasification pilot plant.