

Greenhouse gas emissions inventory 2007/08 – final figures

HYDRO TASMANIA GREENHOUSE GAS EMISSIONS INVENTORY			2007/08
EMISSIONS SOURCE	CONSUMPTION	UNITS	EMISSIONS
DIRECT EMISSIONS			(tonnes CO ₂ -e)
GENERATION			
Natural Gas (large user)	12,325,189	GJ	703,768
Industrial Diesel Fuel	3,863	kl	11,198
FLEET			
Automotive Gasoline	433	kl	1,072
Automotive Diesel	380	kl	1,100
Aviation Gasoline (Avgas)	1	kl	3
Aviation Turbine Fuel (Avtur)	67	kl	225
Fuel Oil (transport)	0.02	kl	0
LPG (transport)	0	kl	0
FUGITIVE EMISSIONS			
SF ₆	9	kg	216
HFCs	17	kg	123
INDIRECT EMISSIONS FROM PURCHASED ELECTRICITY			(tonnes CO ₂ -e)
BUILDINGS & FACILITIES			
Purchased Electricity	94,618,100	kWh	5,039
OTHER INDIRECT EMISSIONS			(tonnes CO ₂ -e)
BUSINESS TRAVEL			
Aviation Business travel - flights	533	kl	1,270
Automotive Gasoline - Business travel	43	kl	11
Automotive Diesel - Business travel	3	kl	1
WASTE			
Recyclables, General Waste & Paper	2,843		324
Transmission & Distribution Losses			



Hydro Tasmania
the responsible energy business

Electricity lost in transmission	94,618,100	kWh	1,025
GROSS EMISSIONS (tonnes CO₂-e)			725,376
OFFSETS			(tonnes CO₂-e)
Carbon Offset Purchases		<i>Unit</i>	0
TOTAL OFFSETS			0
TOTAL NET EMISSIONS: (Gross Emissions minus Sequestration and Offsets)			725,376

Note: All calculations are based on emissions factors provided in the Department of Climate Change NGA Factors (Feb 2008), except electricity consumption on the Bass Strait Islands which is calculated based on the energy mix on the island.