

Emissionsfaktoren CH₄

Quelle	Einheit	Diesel Europa / USA	Otto		Gas CNG mit Kat
			2T	4T oK/mK	
Emissionsfaktoren Offroad 2000 22.07.2005	mg/kWh	6	4000	500	-
IPCC 1996	mg/kg mg/kWh	50 / 95 15 / 28	3'500 1750	1'300 540	-
Heeb PKW Euro0-3 2003	mg/km mg/kWh	-	-	200 - 10 800 - 40	-
EMPA 202'114b	mg/kWh	-	4000	-	-
VTT 2004	mg/km mg/kWh	13 6	-	-	700 350
CARB 2003	mg/mile mg/kWh	-	-	-	5900 1830
BUWAL 1996	%HC mg/kWh	3 40	5 12'350	5 1290	-
Emissionsfaktoren Offroad 2000 15.1.2005	mg/kWh	10	3000	500 / 25	1000

Quellen

- IPCC: IPCC-Guidelines for National Greenhouse Inventories, Reference manual, Revised 1996
- HEEB: Methane ...emission data of gasoline driven cars over 2 decades; Heeb et al, EMPA Atmospheric Environment 37 (2003)
- EMPA: Bericht 202'114 b
- VTT: Transit Bus Emission Study; N.Nylund et al. ; VTT-report PRO3/P5150/04; 2004
- CARB: Oxidation Catalyst Effect on CNG Transit Bus Emissions; A.Ayala et al; SAE 2003-01-1900
- BUWAL: Umwelt Materialien Nr.49 ; 1996

TTM,A.Mayer 16.1.2006

