

Centralized boiler emissions

The emissions per MJ_{fuel} burned by a [centralized boiler technology](#) are calculated from Ecoinvent V2.2 ^[1]. The selected data sets are:

Gas	natural gas, burned in industrial furnace low-NOx >100kW, RER, [MJ]
Oil	light fuel oil, burned in industrial furnace 1MW, non-modulating, CH, [MJ]
Wood	wood chips, from forest, hardwood, burned in furnace 1000kW, CH, [MJ]
Coal	hard coal, burned in industrial furnace 1-10MW, RER, [MJ]
Waste	municipal solid waste, to municipal incineration, CH, [kg] *

* $LHV_{\text{waste}} = 11.74 \text{ MJ/kg}$

References

[1] [Ecoinvent V2.2](#)

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