

$$FFE = \sum_{f=1}^z \left[ CF_f \times \frac{QL}{QI} \times [(FFF_{CO_2,f} \times 10^{-3}) + (FFF_{CH_4,f} \times GWP_{CH_4} \times 10^{-6}) + (FFF_{N_2O,f} \times GWP_{N_2O} \times 10^{-6})] \right]$$