

$$\begin{aligned} I_{max,j} = & I_{C\ stan,j} \times a_{C,2023} + I_{O\ stan,j} \times a_{O,2023} + F_{H\ 2023} \\ & + max\left(\frac{GHG_{FP\ 2023,j}}{P_{R\ 2023,j}}; I_{FP\ stan,j}\right) \times a_{FP,2023} \end{aligned}$$