

$$I_{max,j} = I_{C\ ref\ j} \times a_{C,2023} + I_{A\ ref\ j} \times a_{A,2023} + \max\left(\frac{GES_{PF\ 2023,j}}{P_{R\ 2023,j}}; I_{PF\ ref\ j}\right) \times a_{PF,2023}$$