

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