$$\mathrm{CH_4E}_n = \mathrm{CH_4L_n} + \mathrm{R_n}\left(1-\left(DE_1 * f_{Dest_1}\right)\right) + \mathrm{R_n}\left(1-\left(DE_2 * f_{Dest_2}\right)\right) \qquad \text{(Eq. II-6)}$$