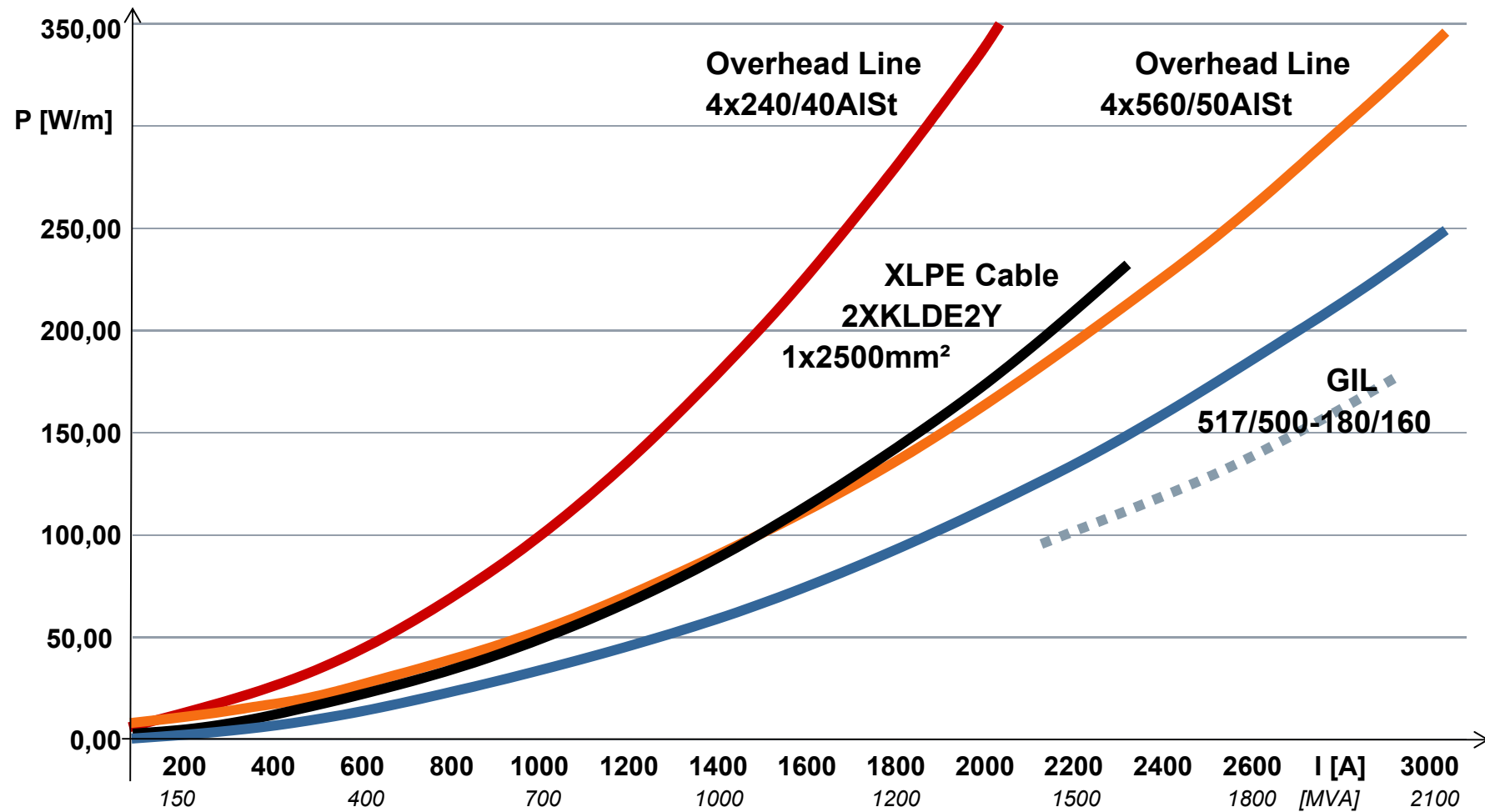
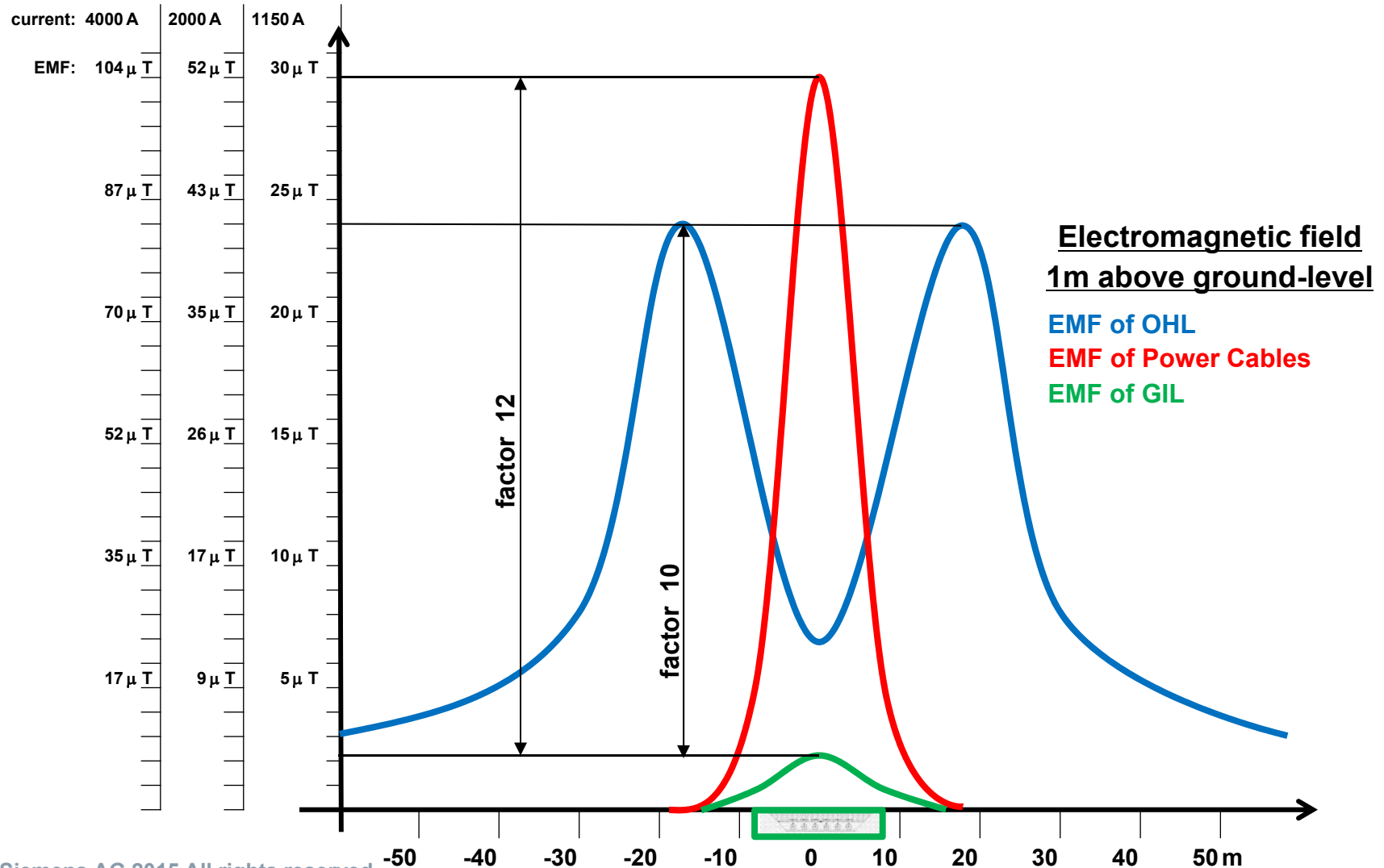


Comparison of Losses (1 system)



Electromagnetic Fields: OHL - Cable - GIL



GIL has many technical features with positive commercial aspects

Siemens GIL solution

Customer benefit

1	High transmission power	Low land usage
2	High reliability	Low invest for redundancy
3	Sealed for lifetime	Low maintenance cost
4	Low losses	Low operation cost
5	No ageing of insulating gas & long lifetime through particle trap	No cost for replacement
6	Low capacitance	No expensive reactors
7	Automatic reclosure functionality	No invest for new protection
8	Low external electromagnetic fields	Optimized short routing possible
9	High safety (no fire hazard)	No invest for fire protection needed. Possibility to share civil cost with other utilities

Siemens is the technology leader for GIL