

INCREASE OF THE OVERHEAD LINE (OHL) CAPACITY WITHOUT ADDITIONAL CONSTRUCTION

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SESSION

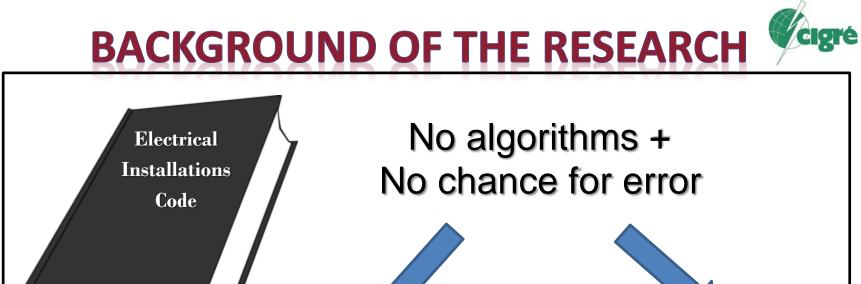
PARIS

2018

SC B2

SC B2 Discussion Group Meeting – 31/08/2018

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Substantial

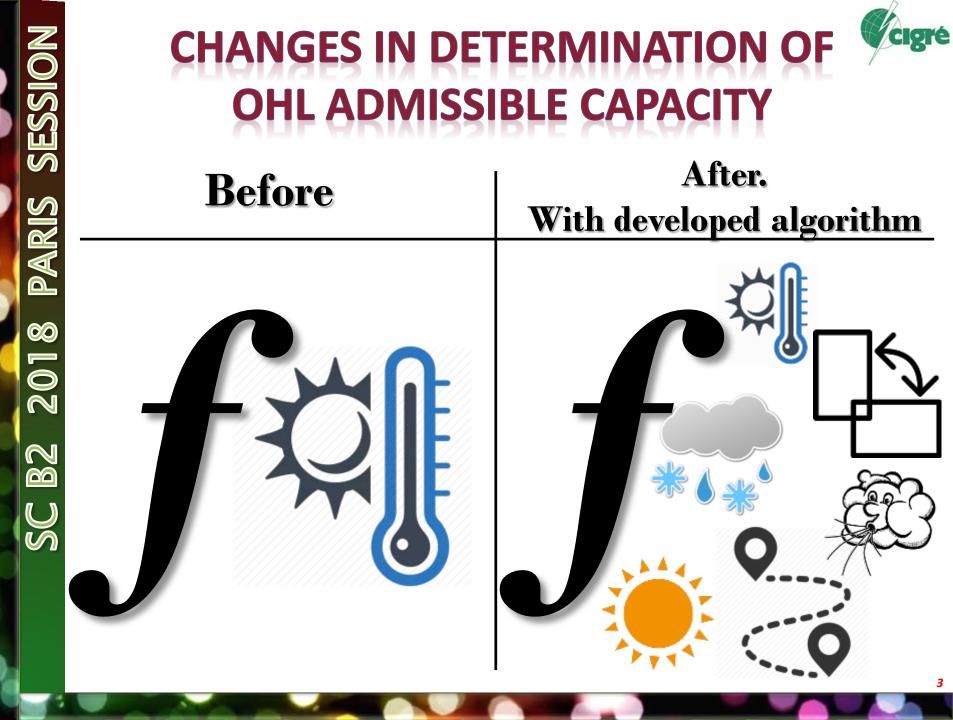
safe factor

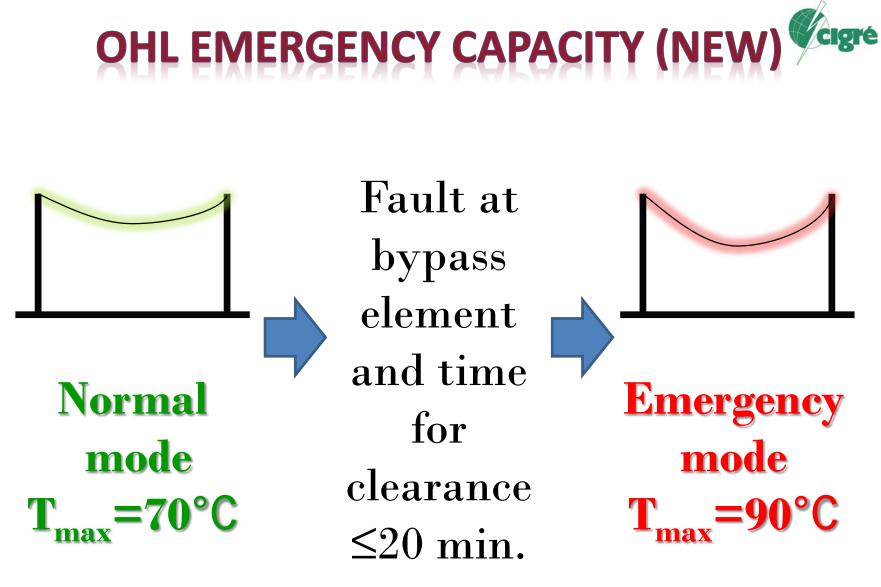
Never exceed

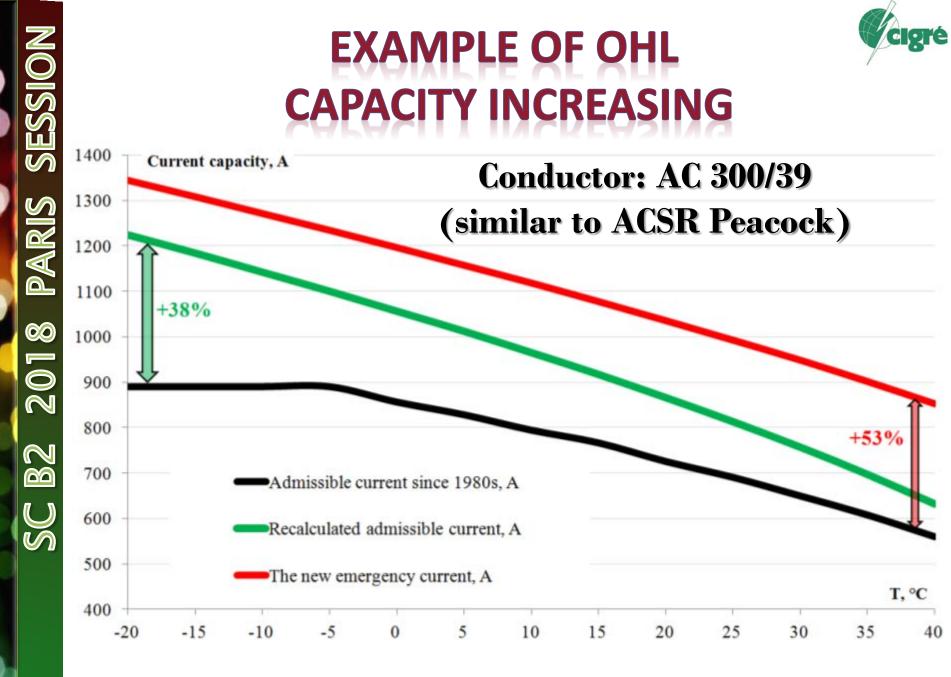
admissible current

Unloaded

grid

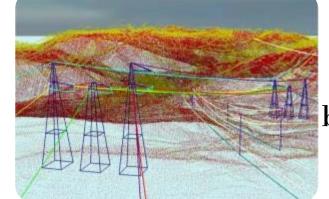






THE COST OF CAPACITY INCREASING

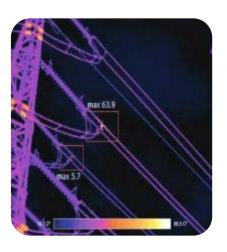
Total price of OHL capacity increasing



Contact joint (conductorinsulator) heat monitoring



Measuring the overall distance between a conductor and ground



Calculating



RESULTS & FUTURE TRENDS



Decreasing CapEx for building new OHL



Automatic protection devices removing



No OHL faults caused or related to application of the recalculated overload capacities



Researches on the substation equipment (CT, circuit breakers, high frequency line trap, etc.) current capacity have to be initiated



THANK YOU FOR YOUR ATTENTION!



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