

TSO view on increasing reliability by condition monitoring and auxiliaries

B4 - DC systems and power electronics
Preferential Subject 1 Q1.16 Will extensive
condition monitoring of HVDC equipment and
related auxiliary systems increase the
reliability of the HVDC installations?

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- *Yes, condition monitoring and auxiliary systems will increase the reliability*
 - *But not so much the extensiveness of these*
 - *More with selected monitoring & auxiliary systems that really will give value*
 - *Enabling early warning of faults, before any damage is done or power transmission is at risk*
 - *Enabling corrective maintenance with right timing (repair cost optimisation)*
 - *Challenge is to find what measures will give added value and what is not*
 - *Pilot installations and thorough analysis of (big) data is needed*
 - *Cost/benefit calculations and analyses are also needed.*

Thank you for your attention !